

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038766.D
 Acq On : 16 Feb 2023 20:41
 Operator : CG/JU
 Sample : 01562-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-3-021523MS

Quant Time: Feb 17 06:12:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 06:10:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	56787	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	231902	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	152375	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	321117	20.000	ng	# 0.00
76) Chrysene-d12	21.480	240	322898	20.000	ng	0.00
86) Perylene-d12	23.868	264	305520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	382113	131.813	ng	0.00
7) Phenol-d6	7.093	99	483667	146.287	ng	0.00
23) Nitrobenzene-d5	9.092	82	284462	69.674	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	257711	124.431	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	829917	69.340	ng	0.00
79) Terphenyl-d14	19.921	244	1500484	82.003	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	40499	31.690	ng	94
3) Pyridine	3.722	79	101162	33.288	ng	93
4) n-Nitrosodimethylamine	3.634	42	54317	39.592	ng	81
6) Aniline	7.246	93	156650	37.983	ng	93
8) 2-Chlorophenol	7.475	128	193385	61.135	ng	96
9) Benzaldehyde	7.051	77	81189	55.714	ng	94
10) Phenol	7.122	94	213203	63.830	ng	87
11) bis(2-Chloroethyl)ether	7.340	93	151327	55.943	ng	95
12) 1,3-Dichlorobenzene	7.798	146	210354	52.048	ng	98
13) 1,4-Dichlorobenzene	7.946	146	218899	53.667	ng	97
14) 1,2-Dichlorobenzene	8.263	146	211458	54.115	ng	98
15) Benzyl Alcohol	8.169	79	134924	55.444	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	123257	48.106	ng	98
17) 2-Methylphenol	8.375	107	151399	59.093	ng	93
18) Hexachloroethane	8.987	117	72992	55.412	ng	95
19) n-Nitroso-di-n-propyla...	8.734	70	107898	54.140	ng	92
20) 3+4-Methylphenols	8.704	107	205506	60.161	ng	95
22) Acetophenone	8.751	105	252922	45.733	ng	96
24) Nitrobenzene	9.134	77	178103	42.979	ng	92
25) Isophorone	9.657	82	316291	44.223	ng	98
26) 2-Nitrophenol	9.845	139	114282	49.560	ng	95
27) 2,4-Dimethylphenol	9.910	122	176167	52.951	ng	95
28) bis(2-Chloroethoxy)met...	10.145	93	201810	46.171	ng	96
29) 2,4-Dichlorophenol	10.381	162	220044	46.553	ng	98
30) 1,2,4-Trichlorobenzene	10.587	180	208721	41.512	ng	98
31) Naphthalene	10.775	128	577080	48.493	ng	98
32) Benzoic acid	10.081	122	148880	55.280	ng	90
33) 4-Chloroaniline	10.904	127	93935	18.011	ng	95
34) Hexachlorobutadiene	11.045	225	111072	44.099	ng	98
35) Caprolactam	11.716	113	23513	23.098	ng	91
36) 4-Chloro-3-methylphenol	12.033	107	176278	50.436	ng	98
37) 2-Methylnaphthalene	12.386	142	440249	45.780	ng	99
38) 1-Methylnaphthalene	12.604	142	410446	45.295	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	193106	48.695	ng	99
41) Hexachlorocyclopentadiene	12.722	237	177502	72.132	ng	97
43) 2,4,6-Trichlorophenol	13.004	196	155313	49.853	ng	97

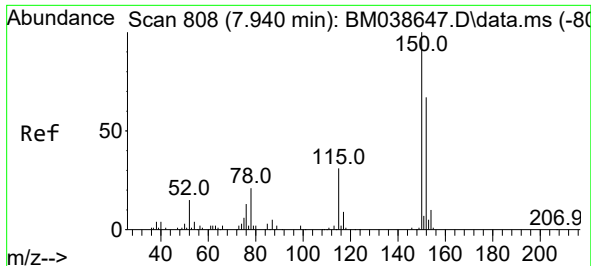
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
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 QLast Update : Fri Feb 17 06:10:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	165687	45.193	ng	94
46) 1,1'-Biphenyl	13.398	154	605287	50.147	ng	98
47) 2-Chloronaphthalene	13.439	162	478393	50.368	ng	96
48) 2-Nitroaniline	13.657	65	99793	46.621	ng	94
49) Acenaphthylene	14.286	152	770818	51.526	ng	99
50) Dimethylphthalate	14.027	163	586935	47.202	ng	99
51) 2,6-Dinitrotoluene	14.157	165	125663	49.722	ng	95
52) Acenaphthene	14.627	154	449887	50.365	ng	99
53) 3-Nitroaniline	14.486	138	114992	43.627	ng	99
54) 2,4-Dinitrophenol	14.698	184	105101	63.891	ng	93
55) Dibenzofuran	14.963	168	731580	47.560	ng	96
56) 4-Nitrophenol	14.804	139	248696	122.695	ng	95
57) 2,4-Dinitrotoluene	14.945	165	178919	47.978	ng	97
58) Fluorene	15.610	166	603612	49.594	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	136616	53.541	ng	97
60) Diethylphthalate	15.386	149	611736	51.930	ng	97
61) 4-Chlorophenyl-phenyle...	15.604	204	258980	50.157	ng	99
62) 4-Nitroaniline	15.651	138	128083	47.202	ng	99
63) Azobenzene	15.892	77	538939	59.465	ng	96
65) 4,6-Dinitro-2-methylph...	15.704	198	59491	29.429	ng	94
66) n-Nitrosodiphenylamine	15.821	169	501155	47.797	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	156149	50.361	ng	94
68) Hexachlorobenzene	16.610	284	200548	52.924	ng	97
69) Atrazine	16.774	200	166154	54.675	ng	98
70) Pentachlorophenol	16.957	266	278707	100.896	ng	98
71) Phenanthrene	17.351	178	997617	52.322	ng	99
72) Anthracene	17.439	178	989232	50.715	ng	99
73) Carbazole	17.715	167	950395	52.243	ng	97
74) Di-n-butylphthalate	18.268	149	1194536	58.120	ng	100
75) Fluoranthene	19.362	202	1220388	60.960	ng	99
77) Benzidine	19.557	184	320288	33.988	ng	99
78) Pyrene	19.721	202	1272901	51.203	ng	100
80) Butylbenzylphthalate	20.615	149	608463	49.117	ng	100
81) Benzo(a)anthracene	21.468	228	1253909	54.898	ng	99
82) 3,3'-Dichlorobenzidine	21.403	252	208280	26.505	ng	97
83) Chrysene	21.521	228	1155570	52.509	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	932499	51.663	ng	98
85) Di-n-octyl phthalate	22.298	149	1609471	55.001	ng	99
87) Indeno(1,2,3-cd)pyrene	26.362	276	1209730	50.270	ng	100
88) Benzo(b)fluoranthene	23.145	252	1110919	60.708	ng	99
89) Benzo(k)fluoranthene	23.192	252	1116892	60.104	ng	100
90) Benzo(a)pyrene	23.762	252	938192	51.844	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1028821	50.815	ng	98
92) Benzo(g,h,i)perylene	27.133	276	909504	44.440	ng	99

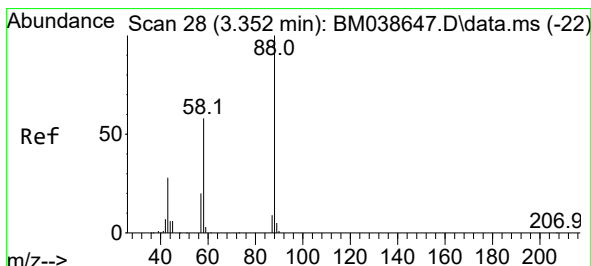
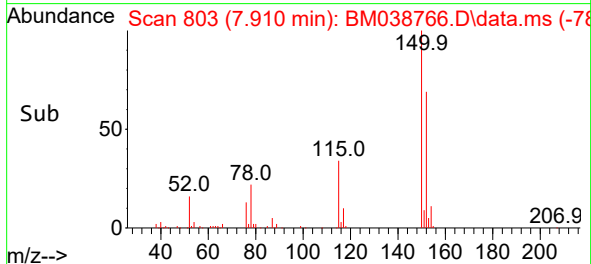
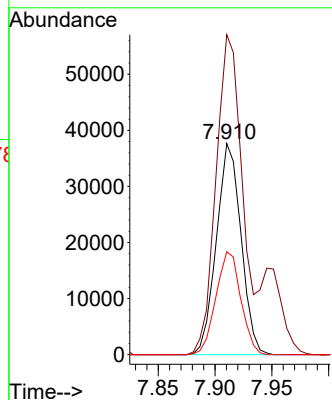
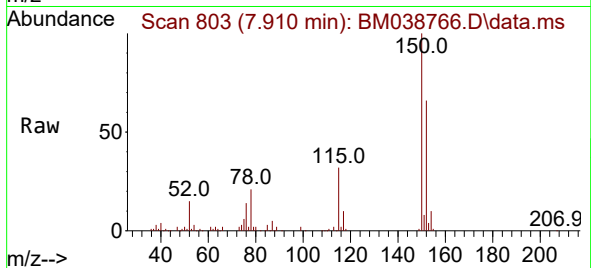
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

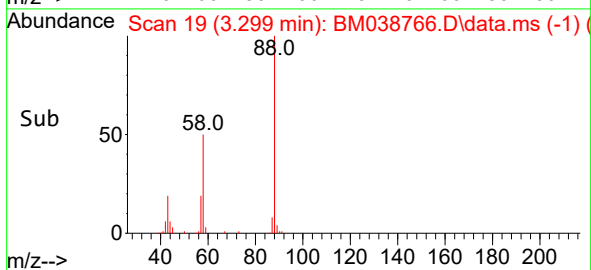
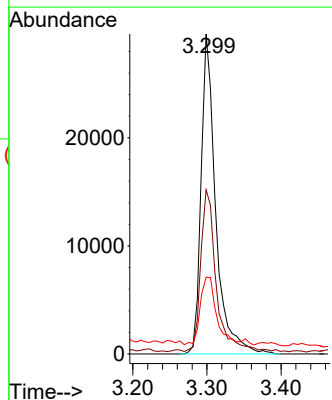
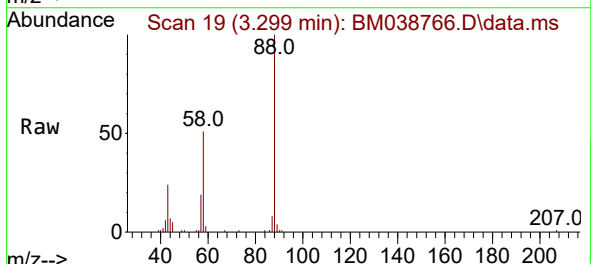
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BNA_M
ClientSampleId :
BU-3-021523MS

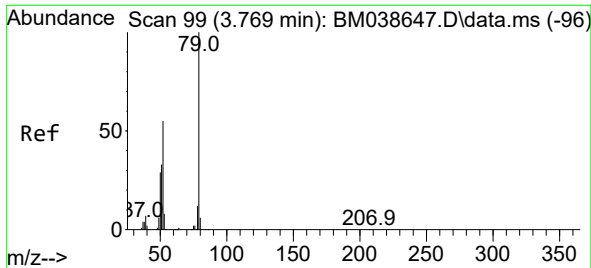
Tgt Ion:152 Resp: 56787
Ion Ratio Lower Upper
152 100
150 151.6 119.5 179.3
115 48.7 37.6 56.4



#2
1,4-Dioxane
Concen: 31.690 ng
RT: 3.299 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion: 88 Resp: 40499
Ion Ratio Lower Upper
88 100
58 54.6 47.0 70.4
43 24.7 22.6 33.8

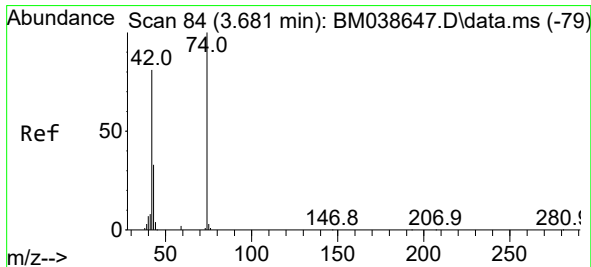
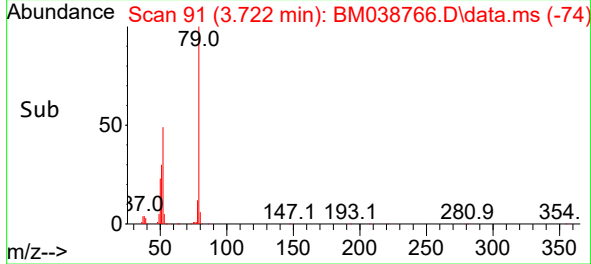
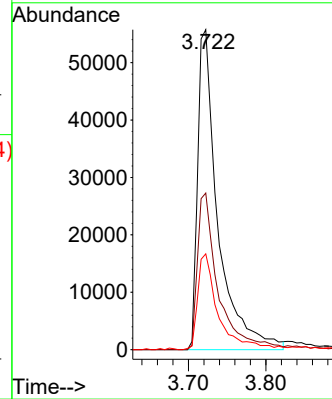
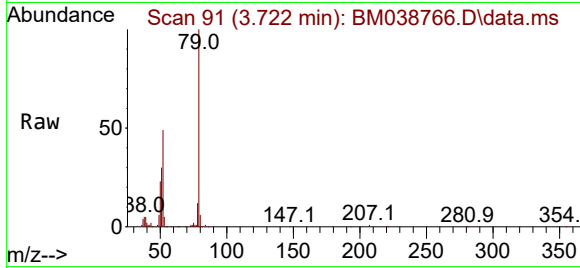




#3
 Pyridine
 Concen: 33.288 ng
 RT: 3.722 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BM038766.D
 Acq: 16 Feb 2023 20:41

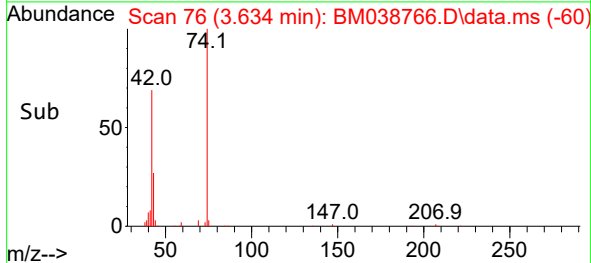
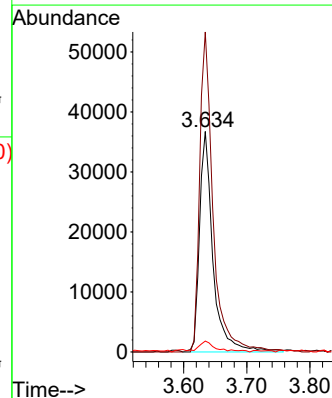
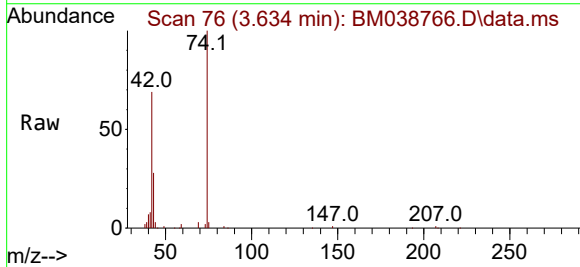
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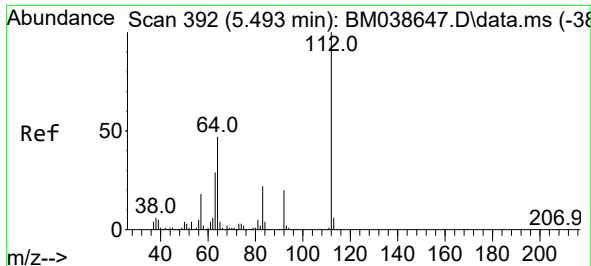
Tgt Ion: 79 Resp: 101162
 Ion Ratio Lower Upper
 79 100
 52 49.0 43.7 65.5
 51 30.0 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 39.592 ng
 RT: 3.634 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: BM038766.D
 Acq: 16 Feb 2023 20:41

Tgt Ion: 42 Resp: 54317
 Ion Ratio Lower Upper
 42 100
 74 145.1 98.4 147.6
 44 4.9 3.5 5.3

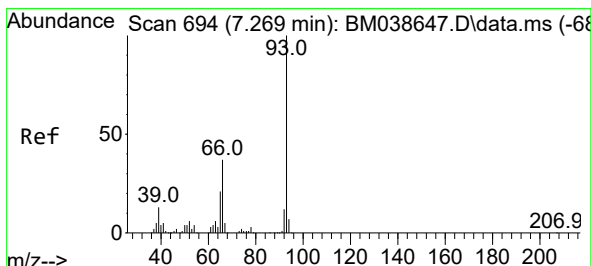
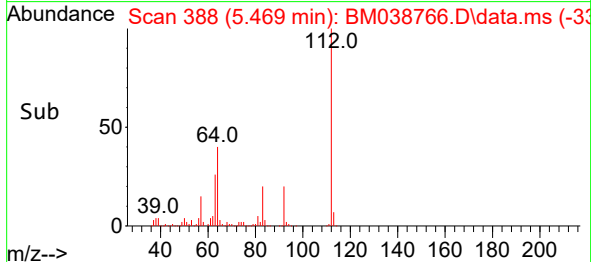
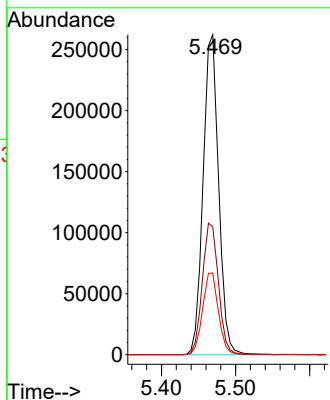
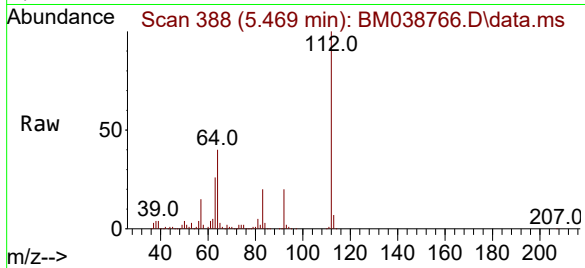




#5
2-Fluorophenol
Concen: 131.813 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

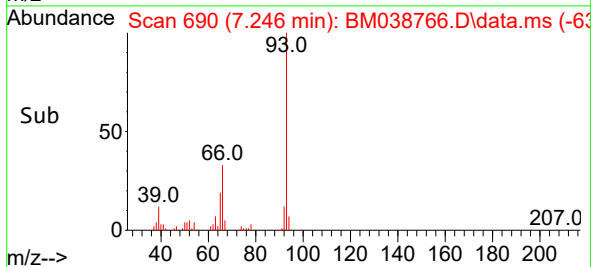
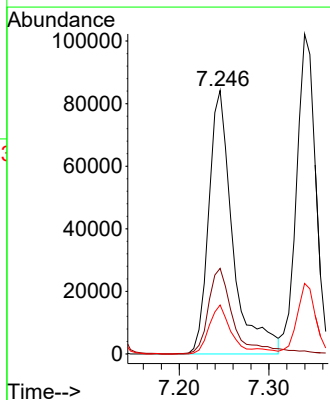
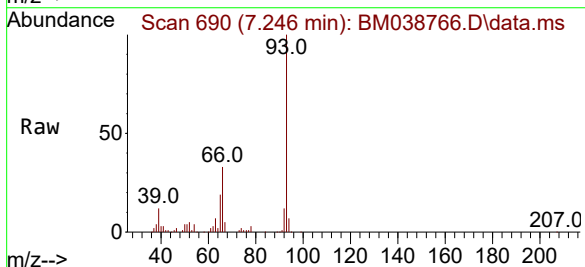
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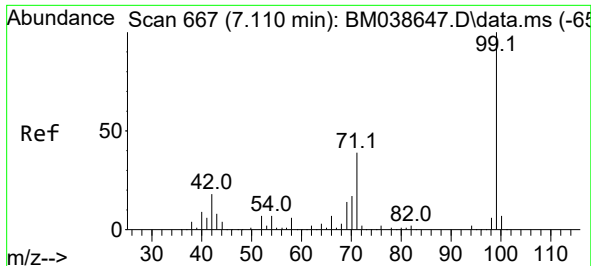
Tgt Ion:112 Resp: 382113
Ion Ratio Lower Upper
112 100
64 39.9 37.9 56.9
63 25.5 23.3 34.9



#6
Aniline
Concen: 37.983 ng
RT: 7.246 min Scan# 690
Delta R.T. -0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion: 93 Resp: 156650
Ion Ratio Lower Upper
93 100
66 32.5 29.8 44.8
65 18.6 16.9 25.3

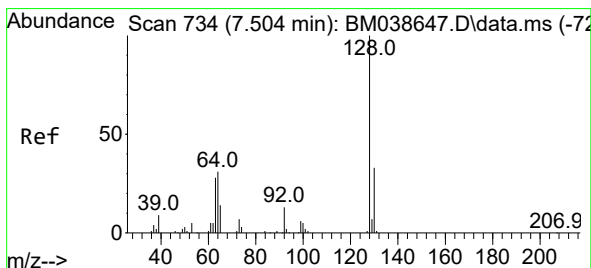
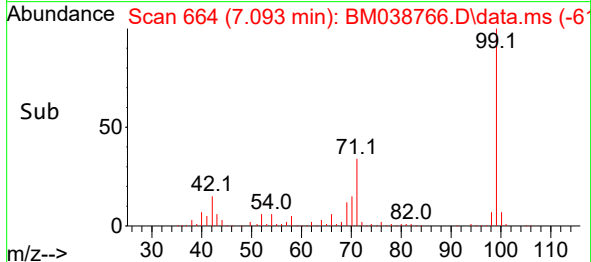
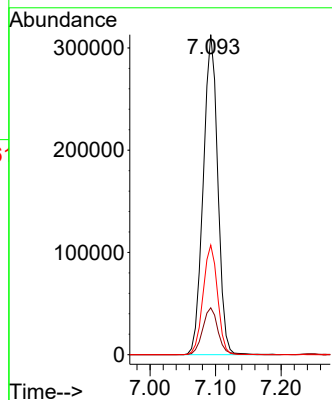
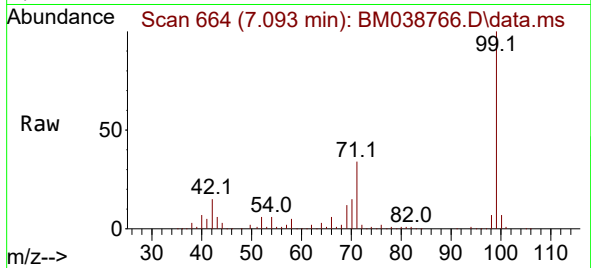




#7
Phenol-d6
Concen: 146.287 ng
RT: 7.093 min Scan# 604
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

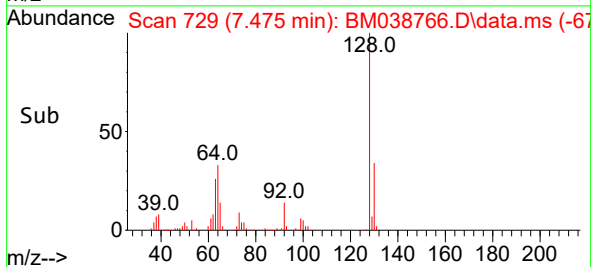
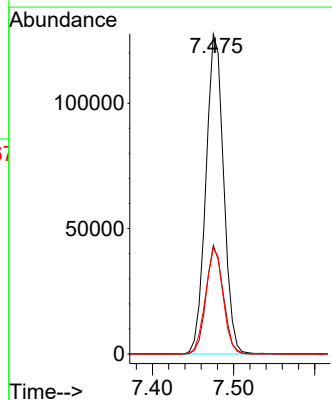
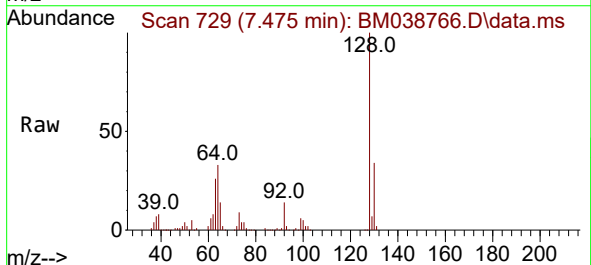
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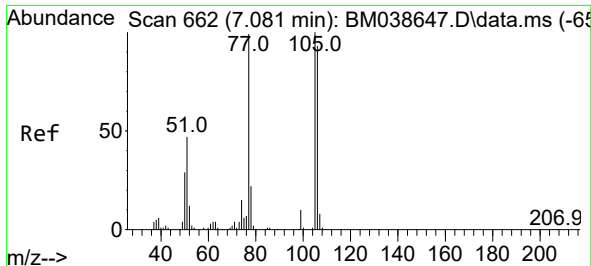
Tgt Ion: 99 Resp: 483667
Ion Ratio Lower Upper
99 100
42 14.6 14.6 22.0#
71 34.3 31.0 46.4



#8
2-Chlorophenol
Concen: 61.135 ng
RT: 7.475 min Scan# 729
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion: 128 Resp: 193385
Ion Ratio Lower Upper
128 100
130 34.0 13.2 53.2
64 33.2 17.3 57.3

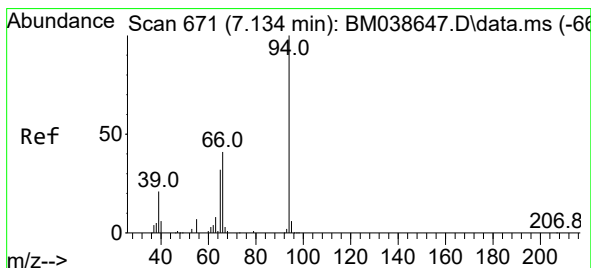
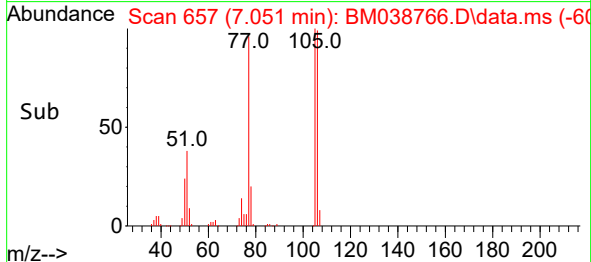
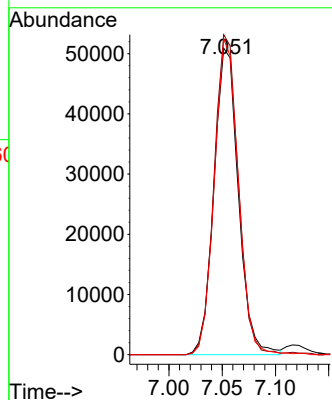
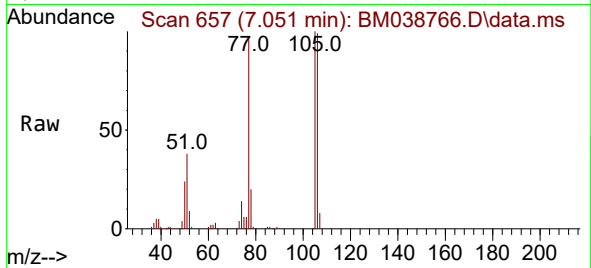




#9
Benzaldehyde
Concen: 55.714 ng
RT: 7.051 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

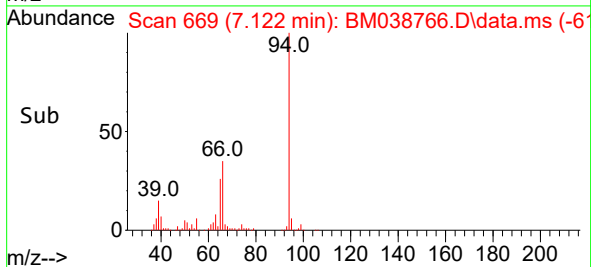
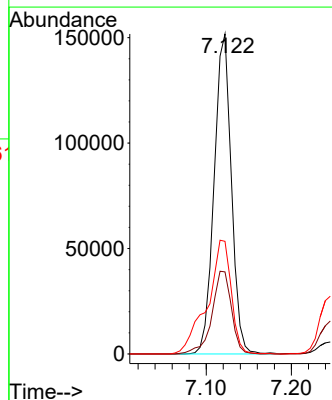
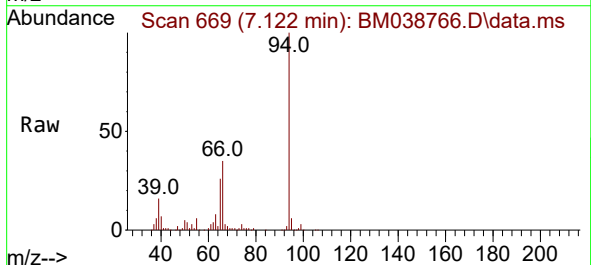
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ClientSampleId :
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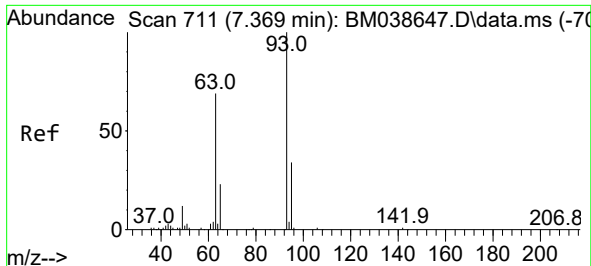
Tgt Ion: 77 Resp: 81189
Ion Ratio Lower Upper
77 100
105 104.4 80.8 120.8
106 103.0 73.8 113.8



#10
Phenol
Concen: 63.830 ng
RT: 7.122 min Scan# 669
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion: 94 Resp: 213203
Ion Ratio Lower Upper
94 100
65 25.6 12.3 52.3
66 35.2 24.2 64.2

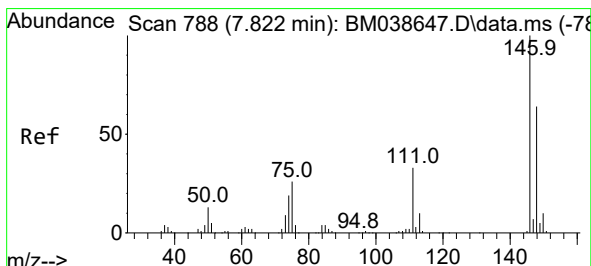
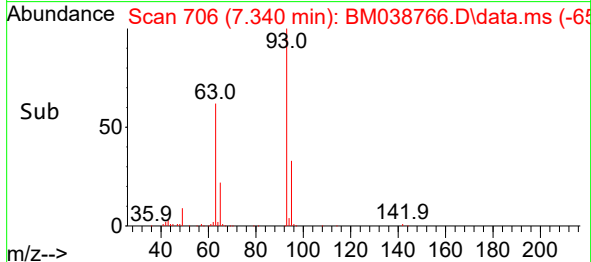
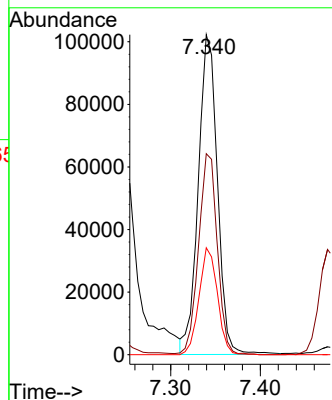
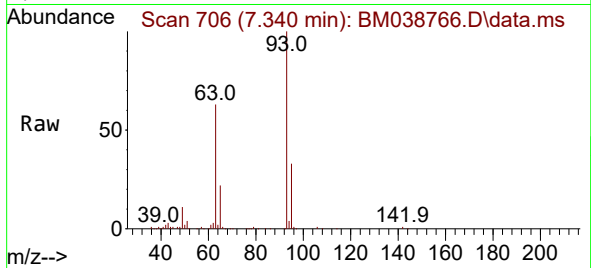




#11
bis(2-Chloroethyl)ether
Concen: 55.943 ng
RT: 7.340 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

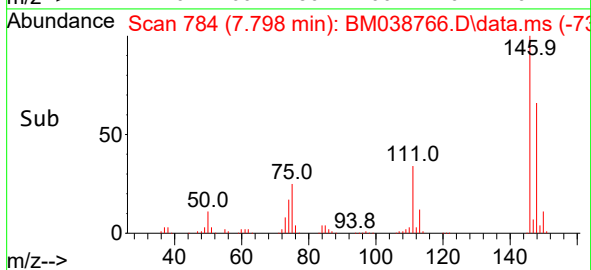
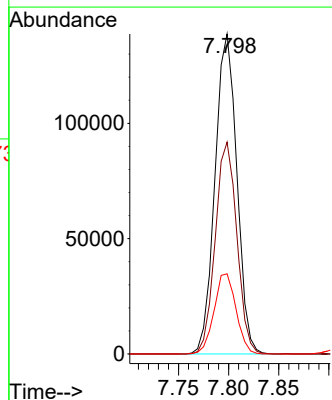
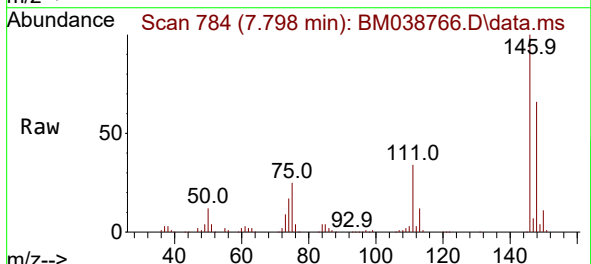
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

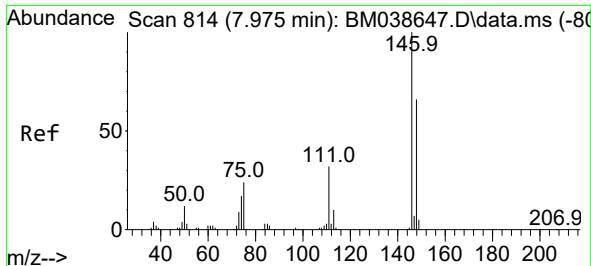
Tgt Ion: 93 Resp: 151327
Ion Ratio Lower Upper
93 100
63 62.8 48.5 88.5
95 33.4 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 52.048 ng
RT: 7.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:146 Resp: 210354
Ion Ratio Lower Upper
146 100
148 66.2 51.5 77.3
75 25.0 21.1 31.7

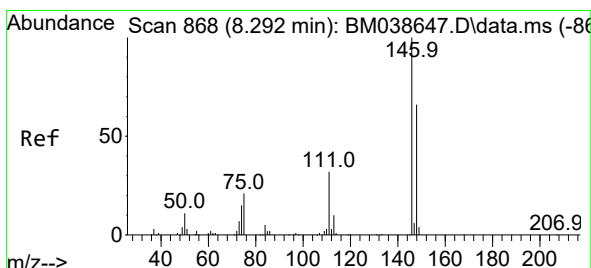
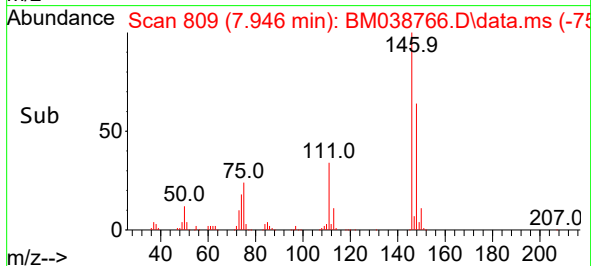
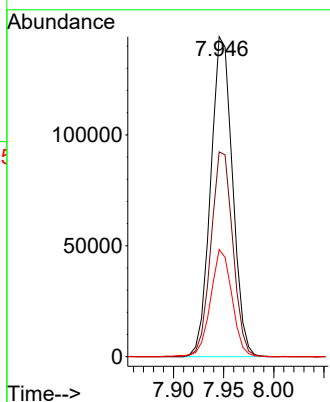
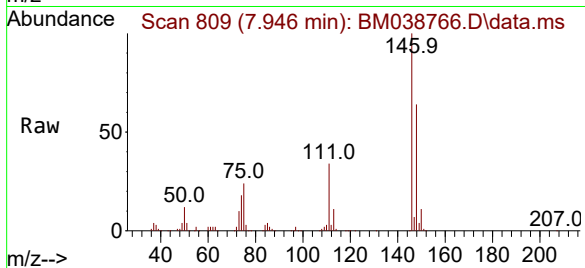




#13
1,4-Dichlorobenzene
Concen: 53.667 ng
RT: 7.946 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

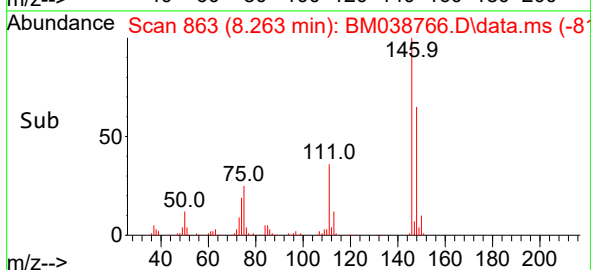
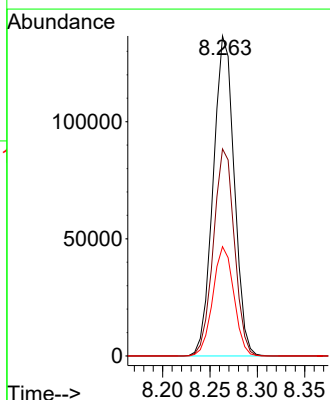
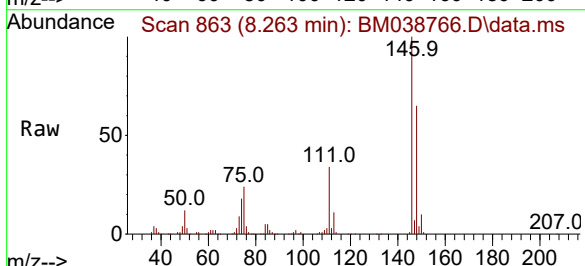
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

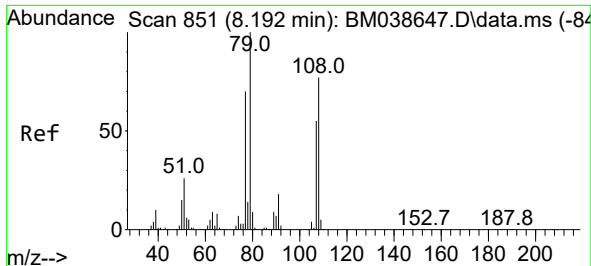
Tgt Ion:146 Resp: 218899
Ion Ratio Lower Upper
146 100
148 64.0 53.1 79.7
111 33.5 25.9 38.9



#14
1,2-Dichlorobenzene
Concen: 54.115 ng
RT: 8.263 min Scan# 863
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:146 Resp: 211458
Ion Ratio Lower Upper
146 100
148 64.7 52.9 79.3
111 34.1 26.2 39.2

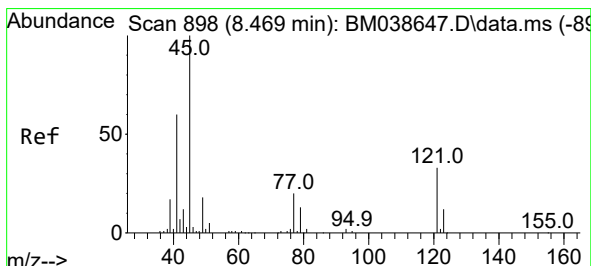
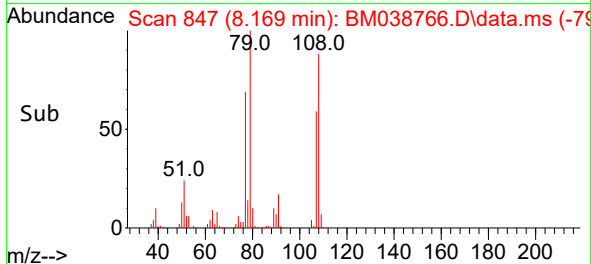
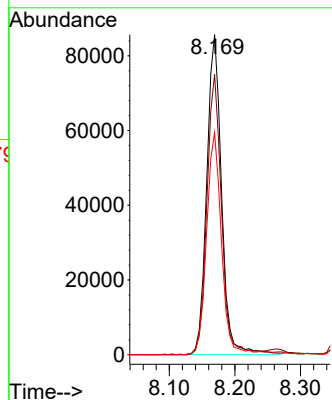
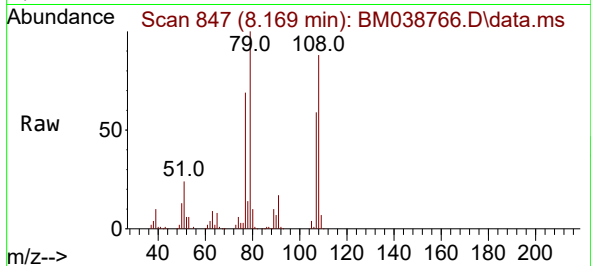




#15
Benzyl Alcohol
Concen: 55.444 ng
RT: 8.169 min Scan# 84
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

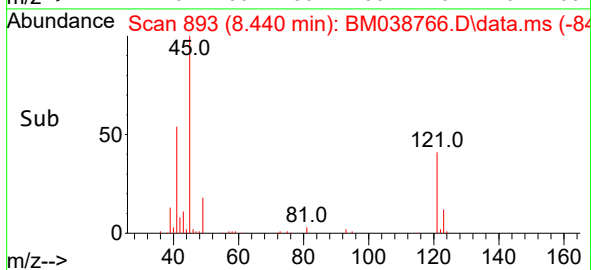
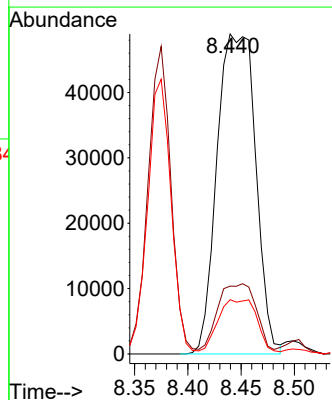
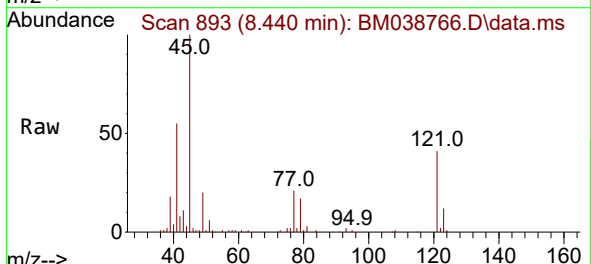
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

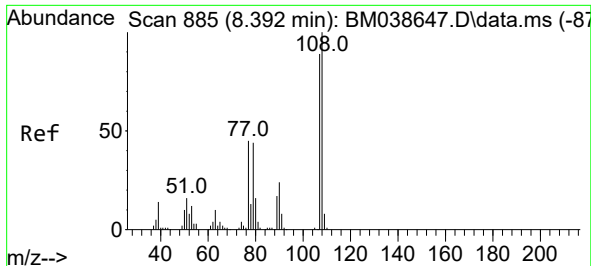
Tgt Ion: 79 Resp: 134924
Ion Ratio Lower Upper
79 100
108 87.6 61.9 92.9
77 69.4 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.106 ng
RT: 8.440 min Scan# 893
Delta R.T. -0.012 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion: 45 Resp: 123257
Ion Ratio Lower Upper
45 100
77 21.2 1.1 41.1
79 17.0 0.0 34.6

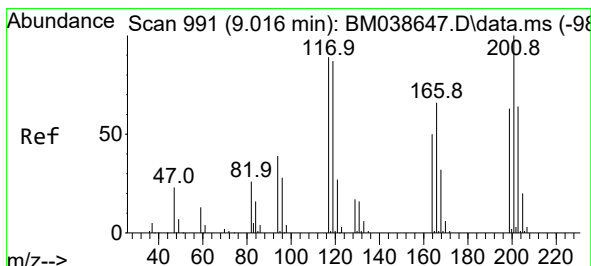
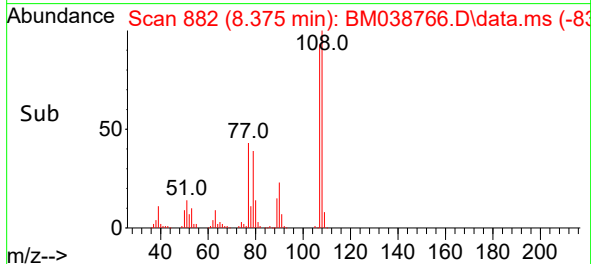
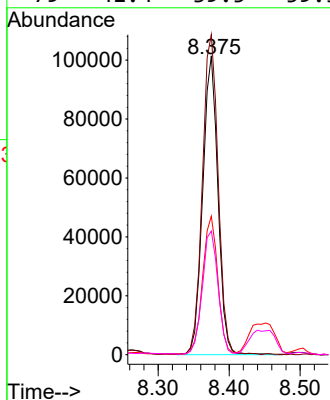
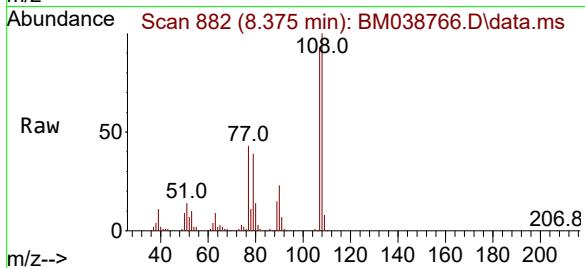




#17
2-Methylphenol
Concen: 59.093 ng
RT: 8.375 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

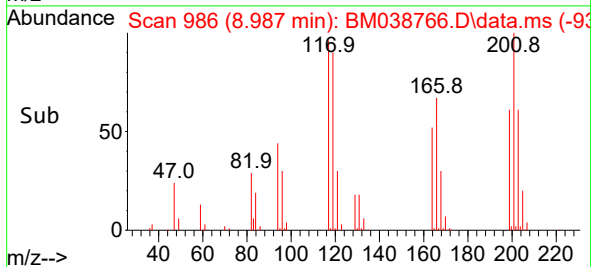
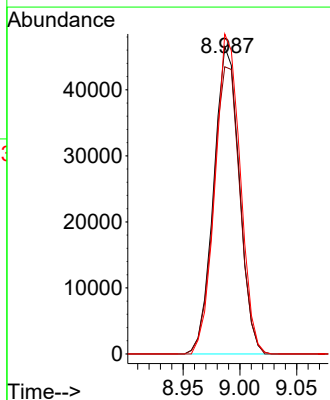
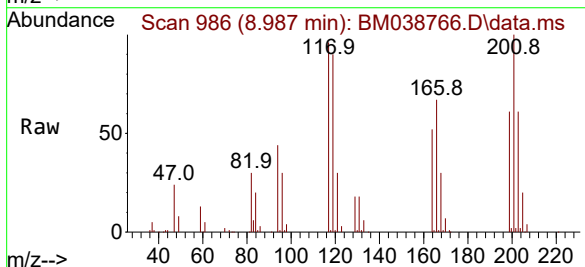
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

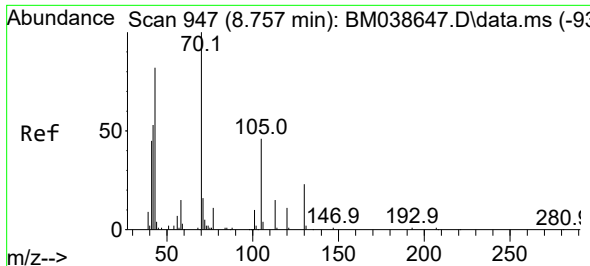
Tgt Ion:	107	Resp:	151399
Ion	Ratio	Lower	Upper
107	100		
108	107.1	89.6	134.4
77	46.3	40.7	61.1
79	41.4	39.5	59.3



#18
Hexachloroethane
Concen: 55.412 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:	117	Resp:	72992
Ion	Ratio	Lower	Upper
117	100		
119	93.5	78.6	117.8
201	106.5	90.2	135.2

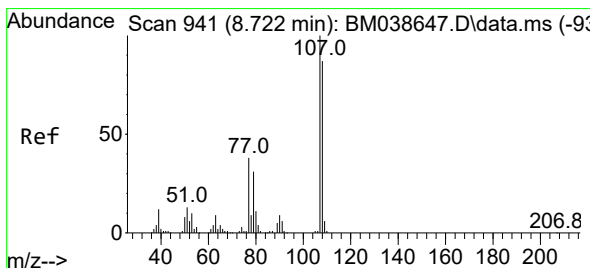
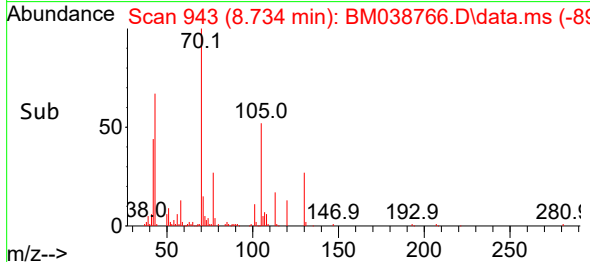
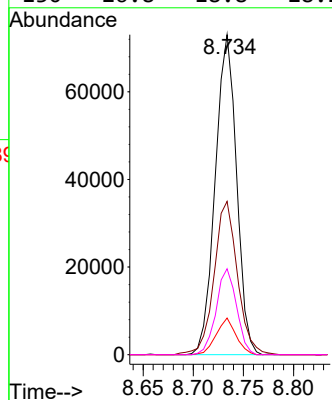
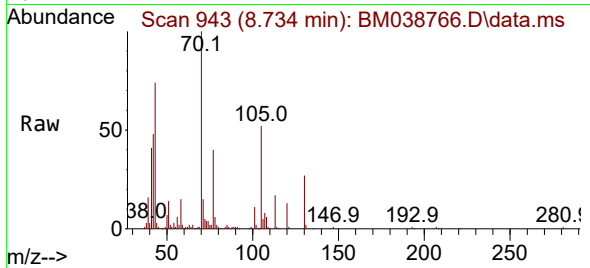




#19
n-Nitroso-di-n-propylamine
Concen: 54.140 ng
RT: 8.734 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

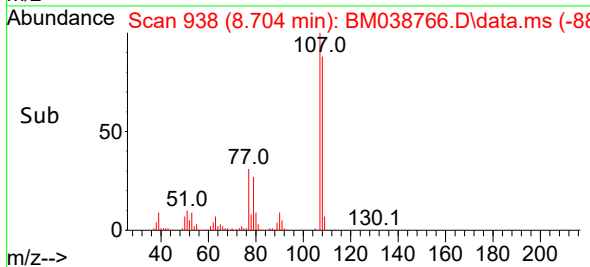
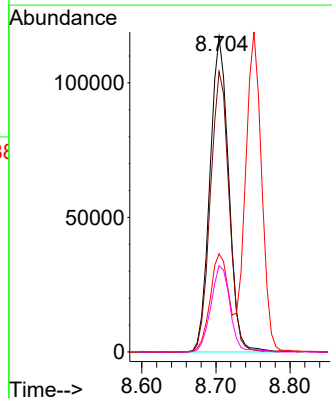
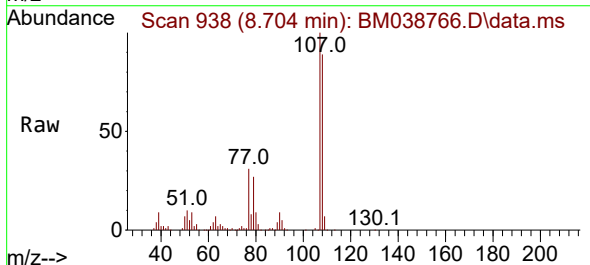
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

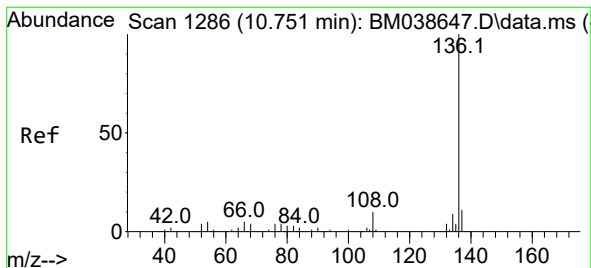
Tgt Ion: 70 Resp: 107898
Ion Ratio Lower Upper
70 100
42 47.9 43.4 65.2
101 11.4 8.2 12.2
130 26.8 18.8 28.2



#20
3+4-Methylphenols
Concen: 60.161 ng
RT: 8.704 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

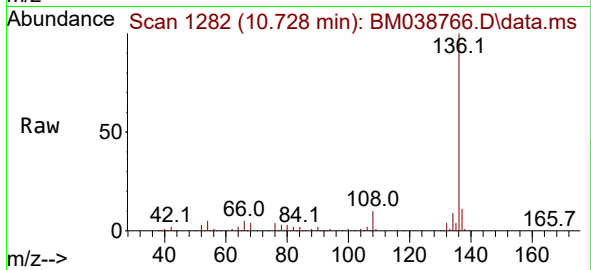
Tgt Ion: 107 Resp: 205506
Ion Ratio Lower Upper
107 100
108 88.9 67.2 107.2
77 31.2 17.5 57.5
79 27.4 10.8 50.8



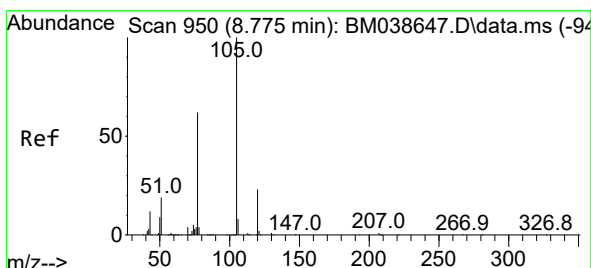
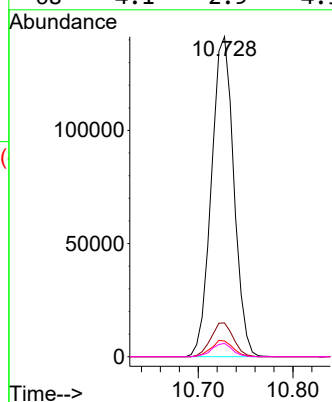
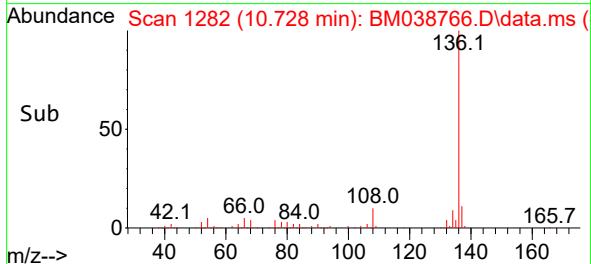


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

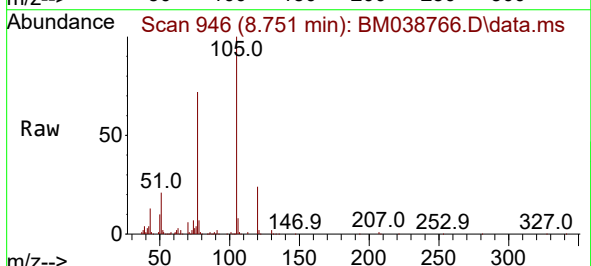
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS



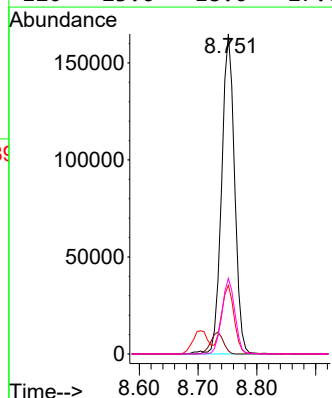
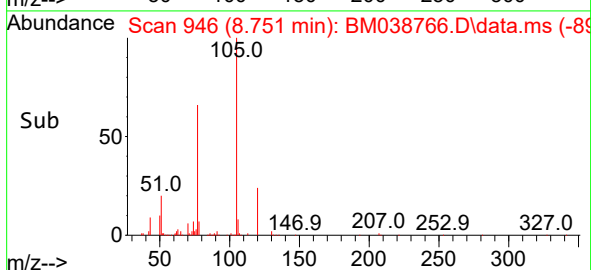
Tgt Ion:136 Resp: 231902
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 4.9 4.2 6.4
68 4.1 2.9 4.3

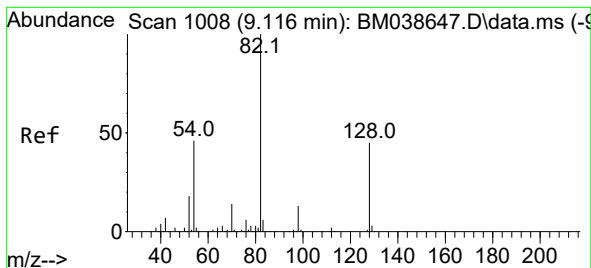


#22
Acetophenone
Concen: 45.733 ng
RT: 8.751 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41



Tgt Ion:105 Resp: 252922
Ion Ratio Lower Upper
105 100
71 1.0 0.9 1.3
51 21.4 19.3 28.9
120 23.6 18.0 27.0





#23

Nitrobenzene-d5

Concen: 69.674 ng

RT: 9.092 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MS

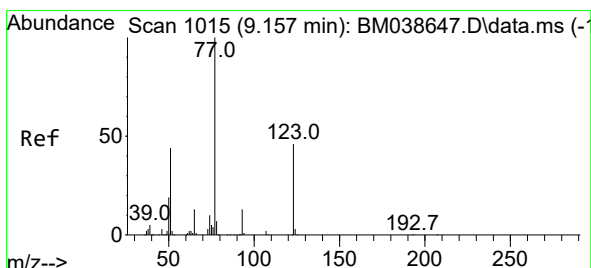
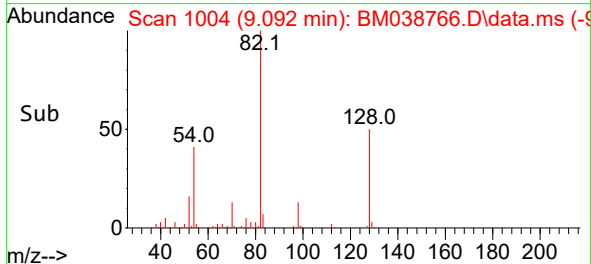
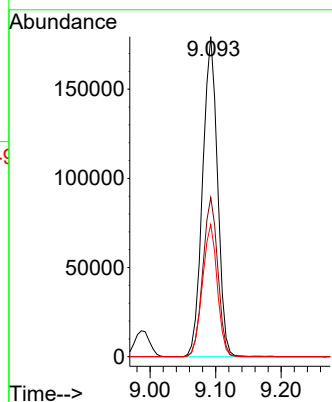
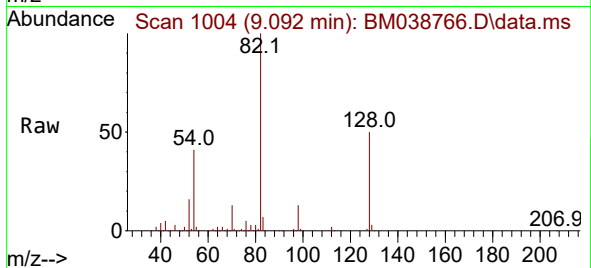
Tgt Ion: 82 Resp: 284462

Ion Ratio Lower Upper

82 100

128 49.7 36.0 54.0

54 41.3 36.8 55.2



#24

Nitrobenzene

Concen: 42.979 ng

RT: 9.134 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

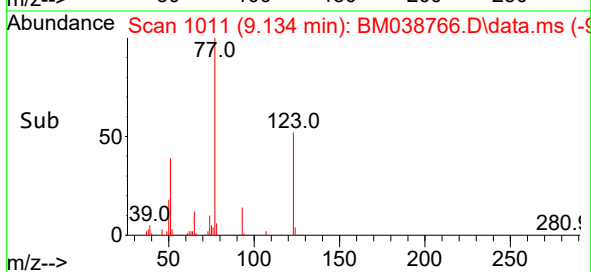
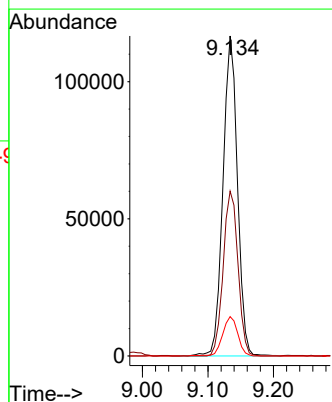
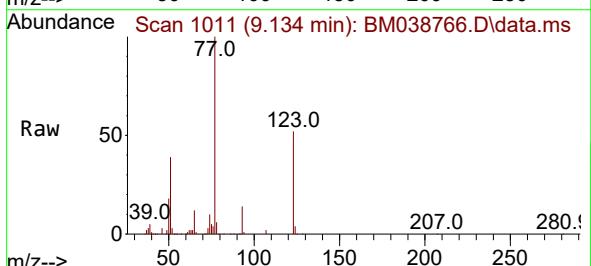
Tgt Ion: 77 Resp: 178103

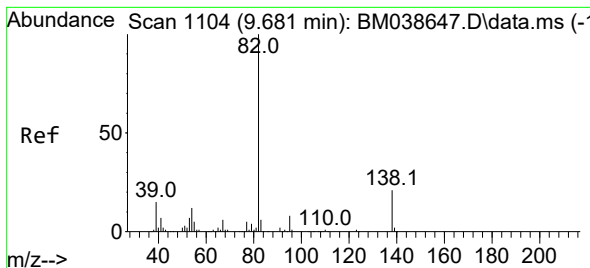
Ion Ratio Lower Upper

77 100

123 51.5 36.5 54.7

65 12.3 10.7 16.1





#25

Isophorone

Concen: 44.223 ng

RT: 9.657 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MS

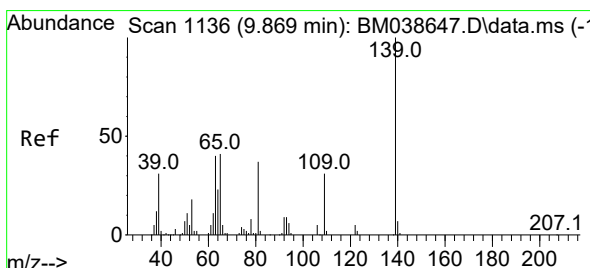
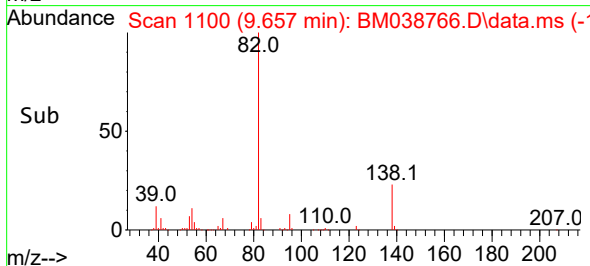
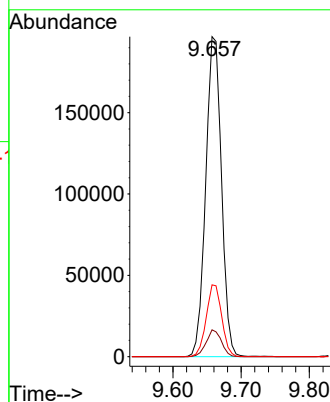
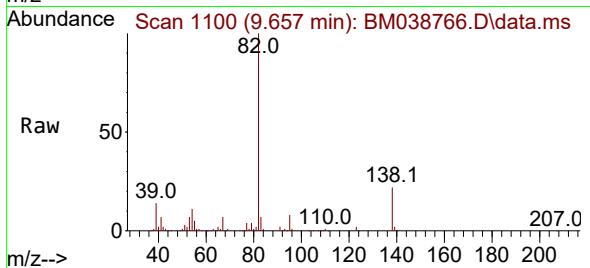
Tgt Ion: 82 Resp: 316291

Ion Ratio Lower Upper

82 100

95 8.4 6.4 9.6

138 22.5 17.0 25.6



#26

2-Nitrophenol

Concen: 49.560 ng

RT: 9.845 min Scan# 1132

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

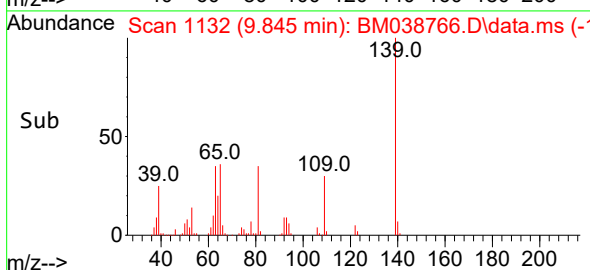
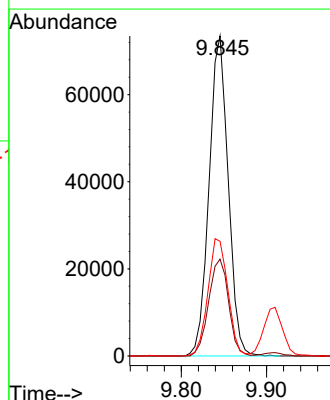
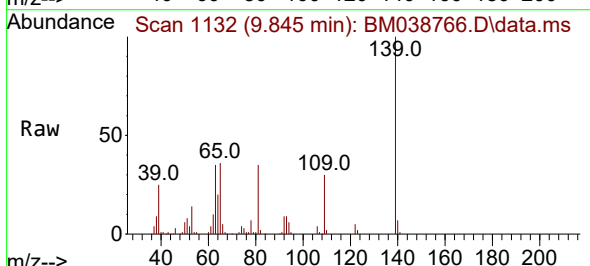
Tgt Ion: 139 Resp: 114282

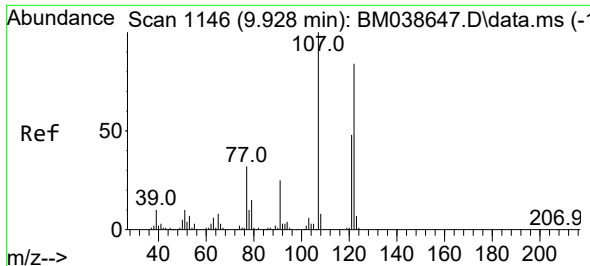
Ion Ratio Lower Upper

139 100

109 30.2 24.5 36.7

65 35.9 32.6 49.0





#27

2,4-Dimethylphenol

Concen: 52.951 ng

RT: 9.910 min Scan# 1143

Delta R.T. 0.006 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MS

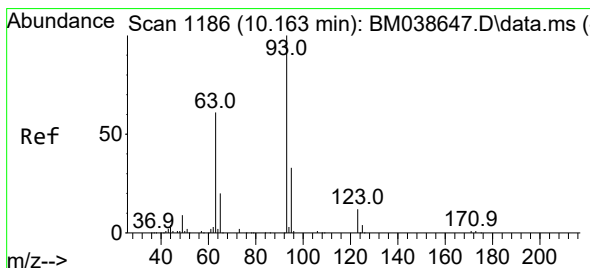
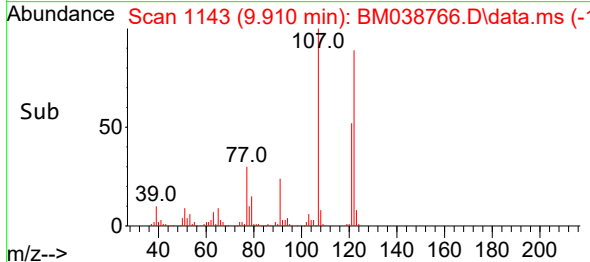
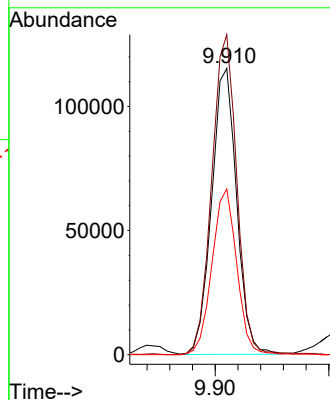
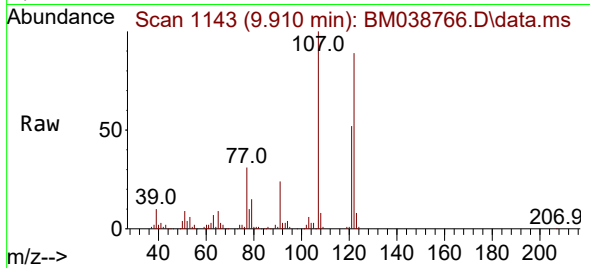
Tgt Ion:122 Resp: 176167

Ion Ratio Lower Upper

122 100

107 111.8 94.9 142.3

121 57.9 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 46.171 ng

RT: 10.145 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

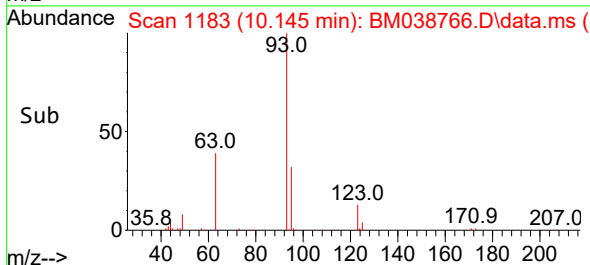
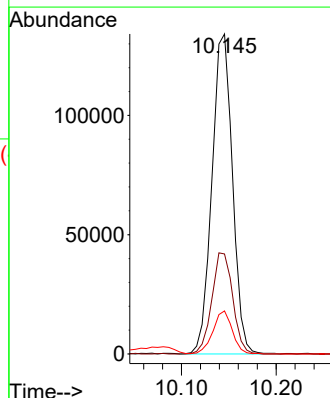
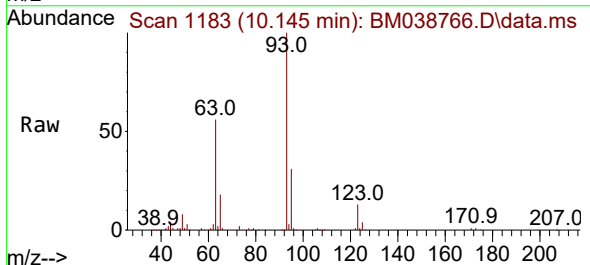
Tgt Ion: 93 Resp: 201810

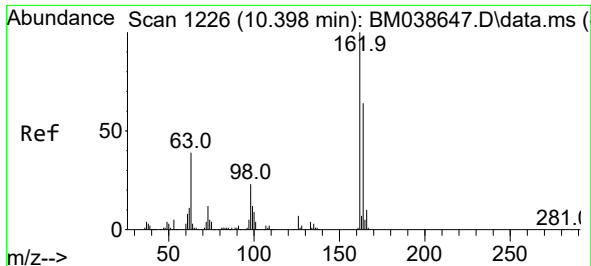
Ion Ratio Lower Upper

93 100

95 31.3 26.6 40.0

123 13.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 46.553 ng

RT: 10.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MS

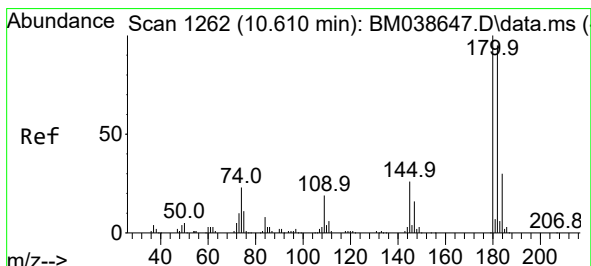
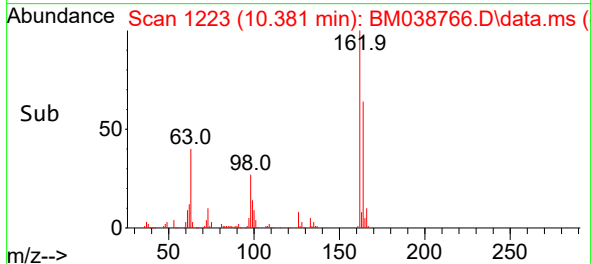
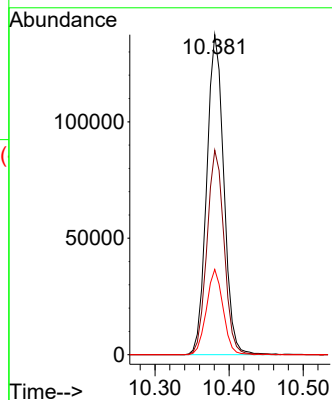
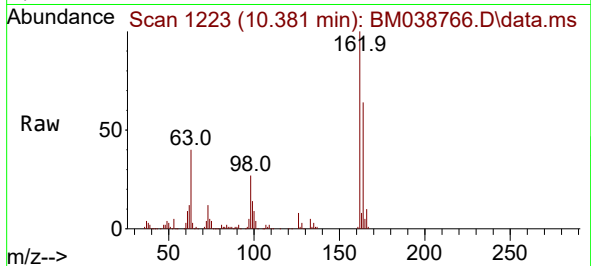
Tgt Ion:162 Resp: 220044

Ion Ratio Lower Upper

162 100

164 63.9 44.3 84.3

98 26.7 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 41.512 ng

RT: 10.587 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

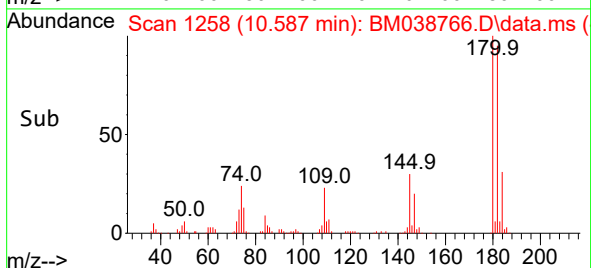
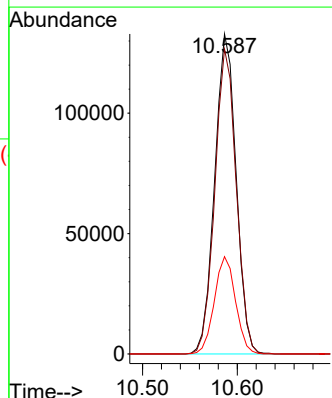
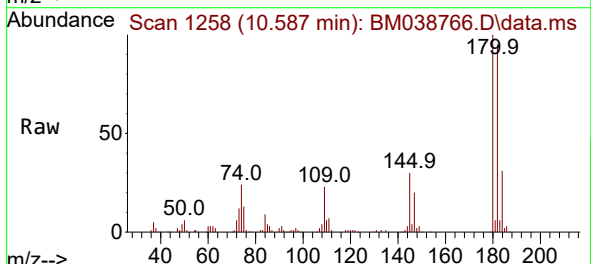
Tgt Ion:180 Resp: 208721

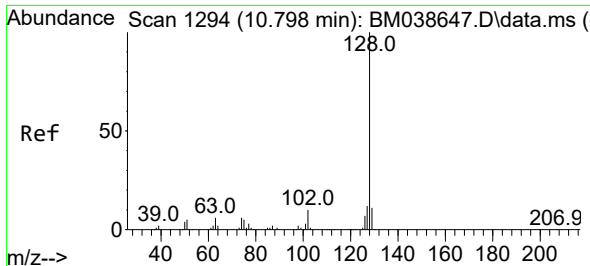
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

145 30.4 20.8 31.2

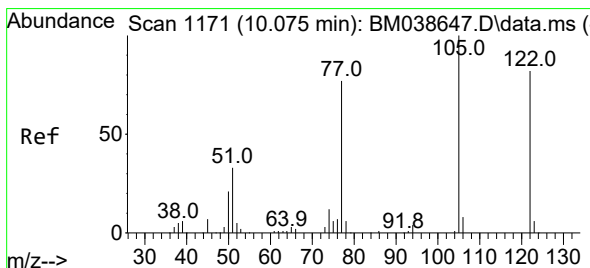
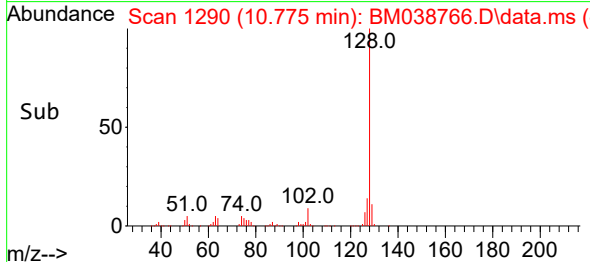
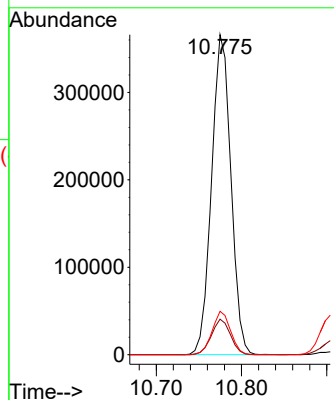
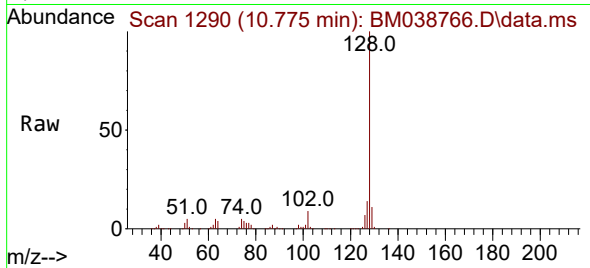




#31
Naphthalene
Concen: 48.493 ng
RT: 10.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

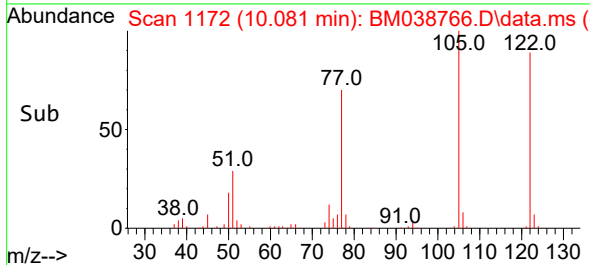
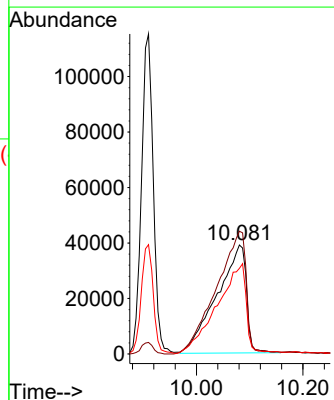
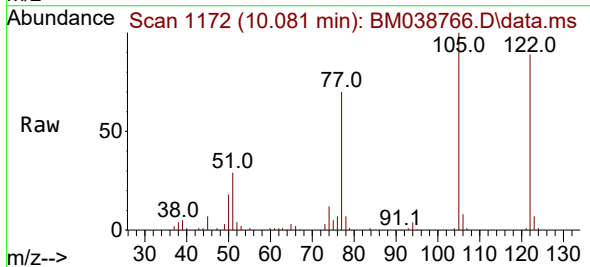
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

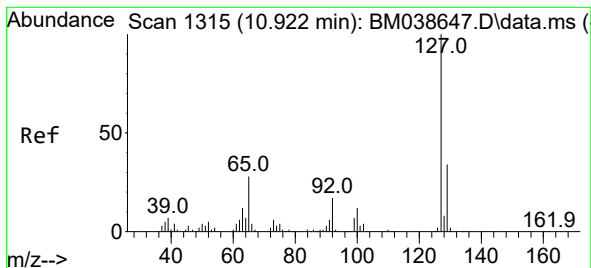
Tgt Ion:128 Resp: 577080
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.6 9.9 14.9



#32
Benzoic acid
Concen: 55.280 ng
RT: 10.081 min Scan# 1172
Delta R.T. 0.018 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:122 Resp: 148880
Ion Ratio Lower Upper
122 100
105 112.6 99.2 139.2
77 78.6 72.3 112.3

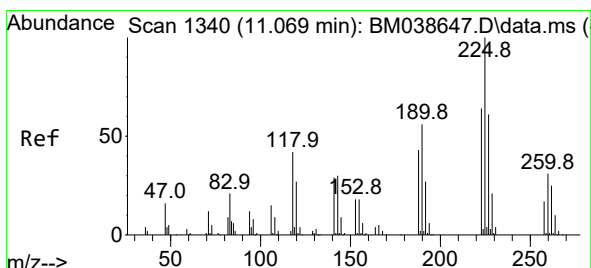
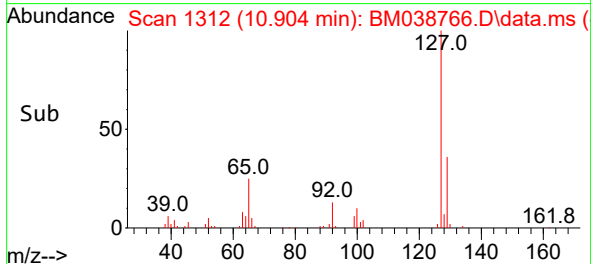
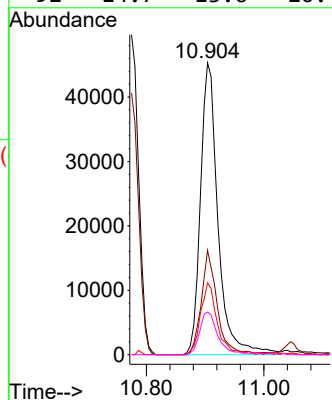
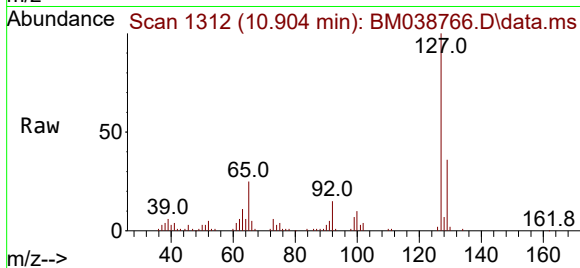




#33
4-Chloroaniline
Concen: 18.011 ng
RT: 10.904 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

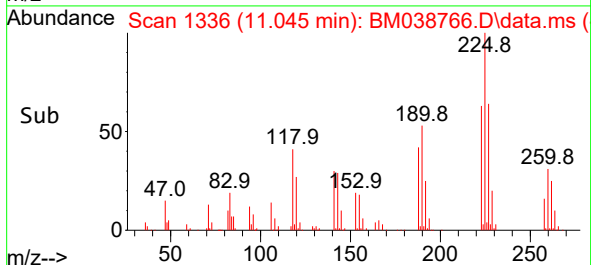
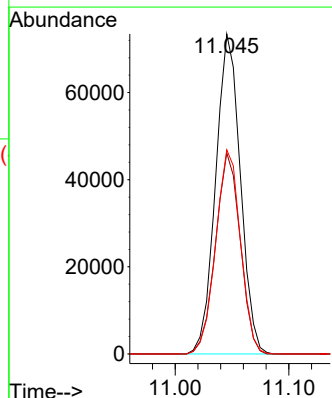
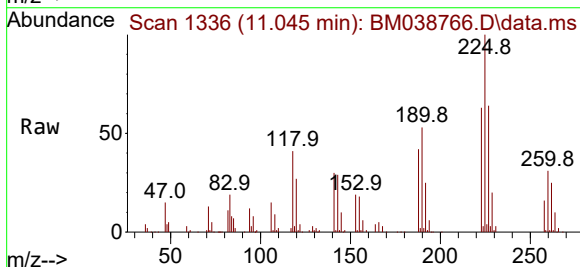
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

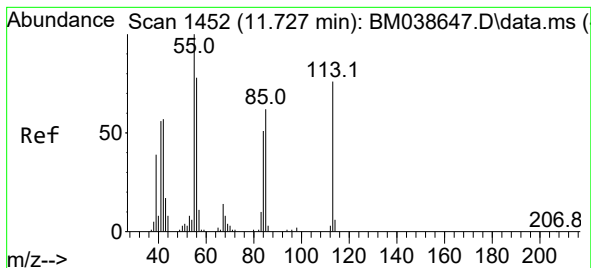
Tgt Ion:	127	Resp:	93935
Ion Ratio	Lower	Upper	
127	100		
129	35.8	27.1	40.7
65	24.6	22.2	33.4
92	14.7	13.6	20.4



#34
Hexachlorobutadiene
Concen: 44.099 ng
RT: 11.045 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:	225	Resp:	111072
Ion Ratio	Lower	Upper	
225	100		
223	62.8	51.0	76.4
227	63.8	49.2	73.8

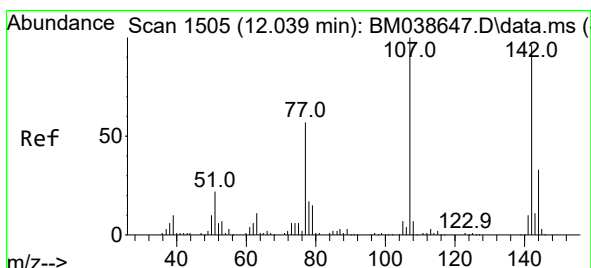
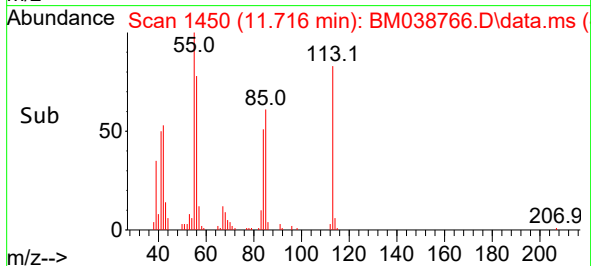
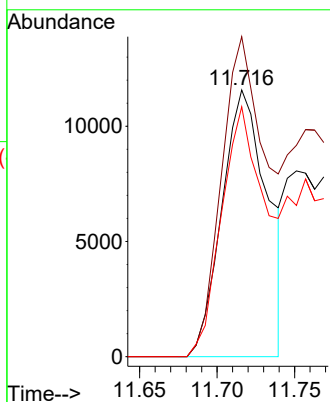
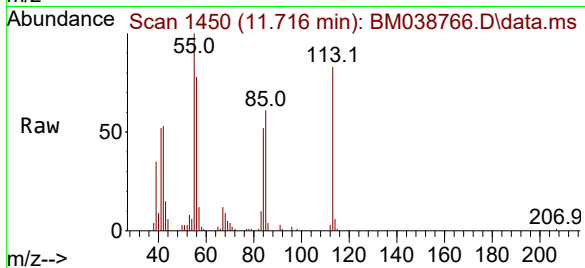




#35
 Caprolactam
 Concen: 23.098 ng
 RT: 11.716 min Scan# 1450
 Delta R.T. 0.012 min
 Lab File: BM038766.D
 Acq: 16 Feb 2023 20:41

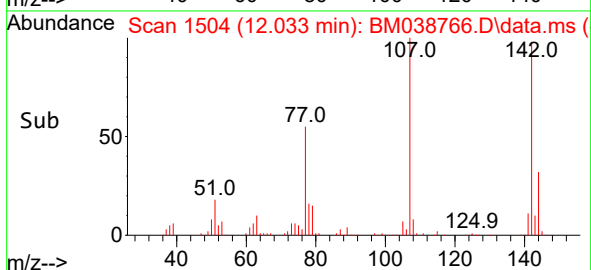
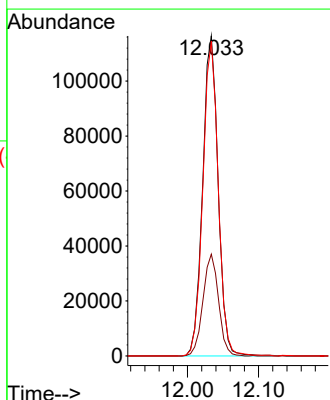
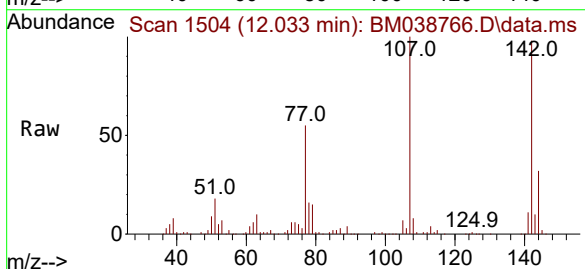
Instrument :
 BNA_M
 ClientSampleId :
 BU-3-021523MS

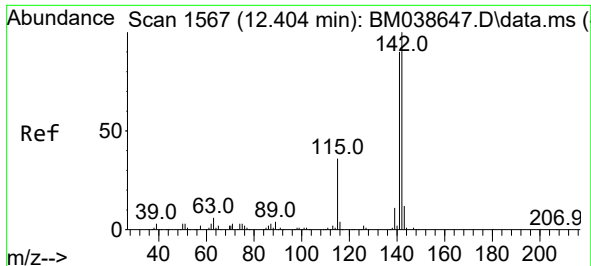
Tgt Ion:113 Resp: 23513
 Ion Ratio Lower Upper
 113 100
 55 120.0 111.2 151.2
 56 93.7 82.0 122.0



#36
 4-Chloro-3-methylphenol
 Concen: 50.436 ng
 RT: 12.033 min Scan# 1504
 Delta R.T. 0.006 min
 Lab File: BM038766.D
 Acq: 16 Feb 2023 20:41

Tgt Ion:107 Resp: 176278
 Ion Ratio Lower Upper
 107 100
 144 31.8 26.5 39.7
 142 98.4 77.0 115.6

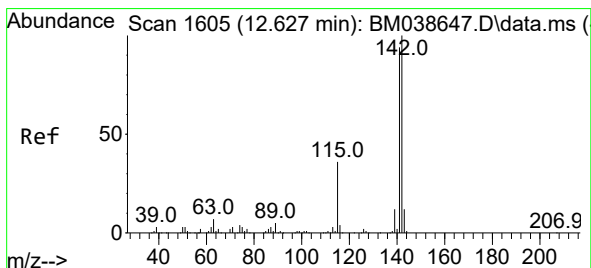
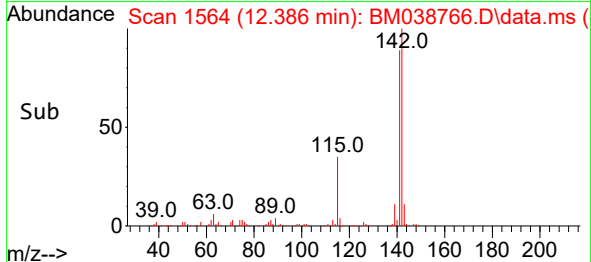
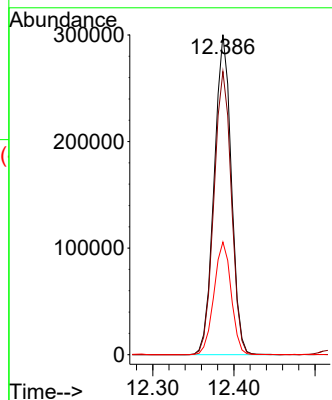
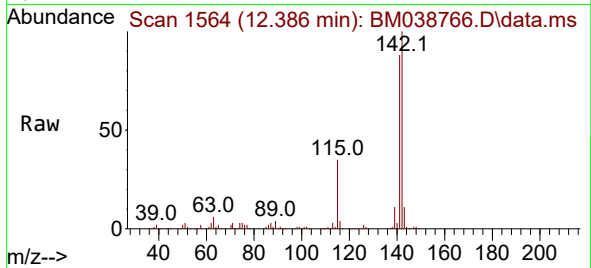




#37
2-Methylnaphthalene
Concen: 45.780 ng
RT: 12.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

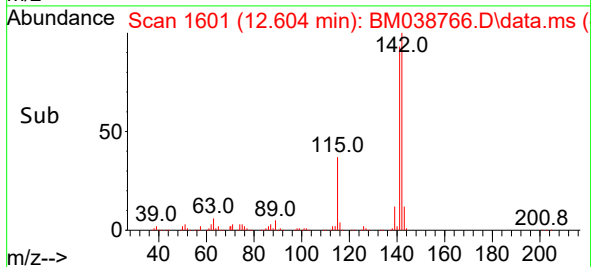
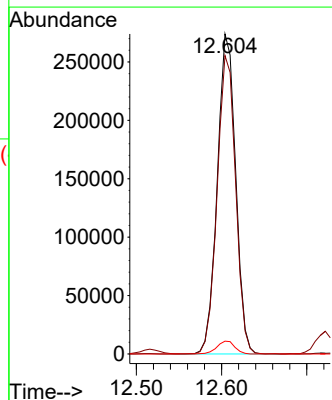
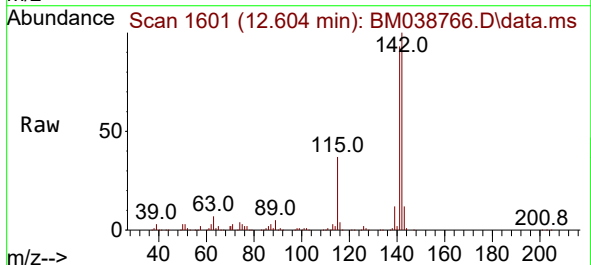
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

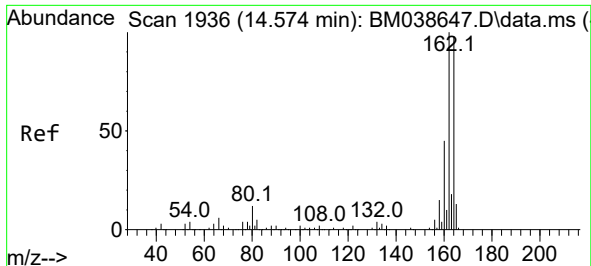
Tgt Ion:142 Resp: 440249
Ion Ratio Lower Upper
142 100
141 88.5 71.8 107.8
115 35.2 28.7 43.1



#38
1-Methylnaphthalene
Concen: 45.295 ng
RT: 12.604 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:142 Resp: 410446
Ion Ratio Lower Upper
142 100
141 93.3 75.5 113.3
116 4.0 3.1 4.7

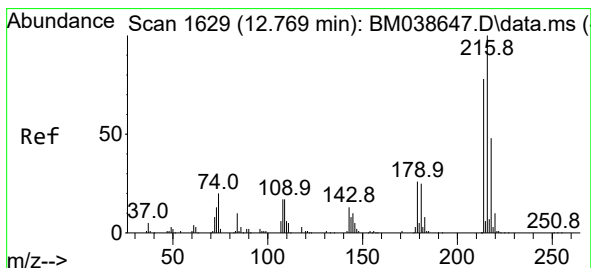
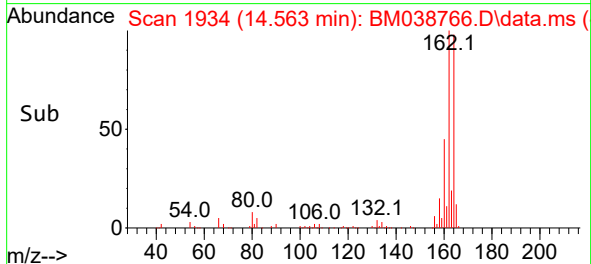
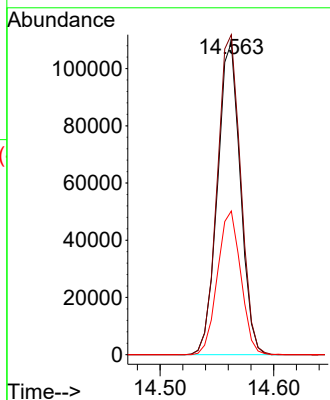
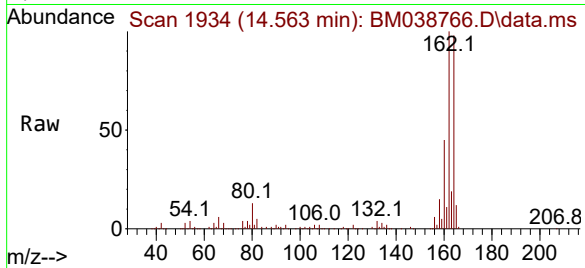




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

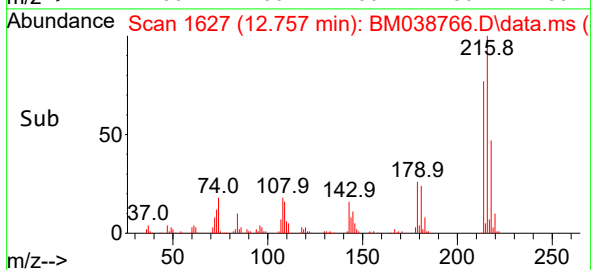
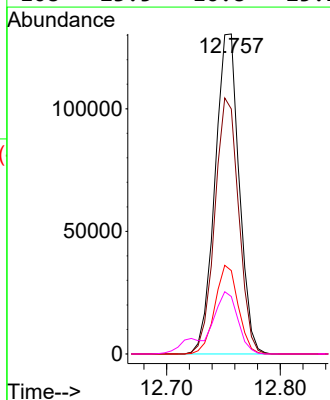
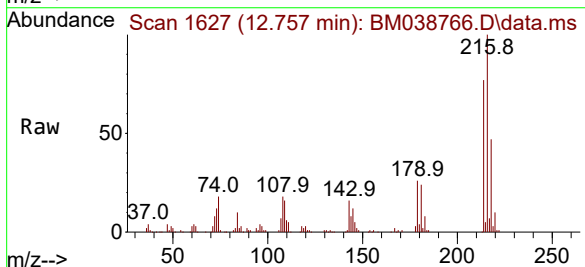
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

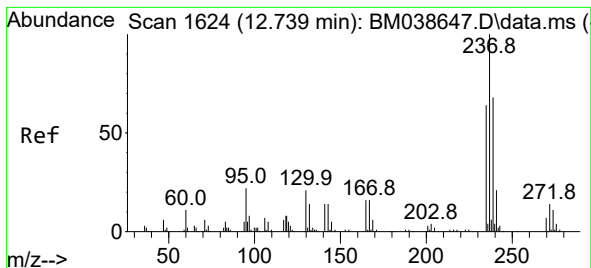
Tgt Ion:164 Resp: 152375
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 46.1 36.5 54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.695 ng
RT: 12.757 min Scan# 1627
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:216 Resp: 193106
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.0
179 26.7 21.0 31.4
108 23.5 16.8 25.2

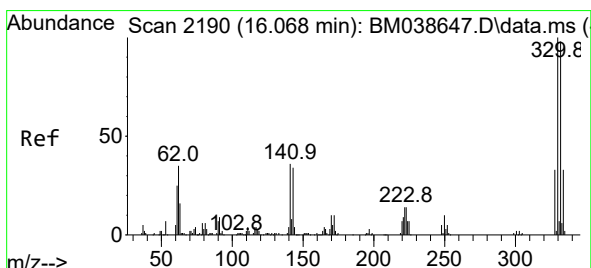
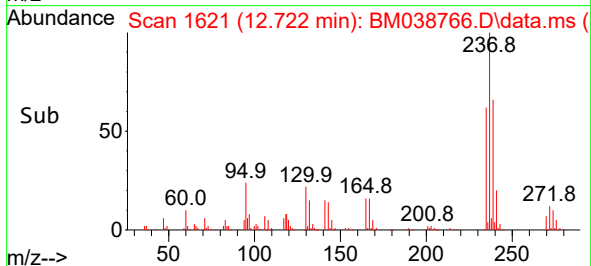
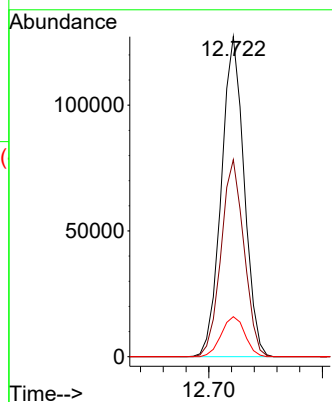
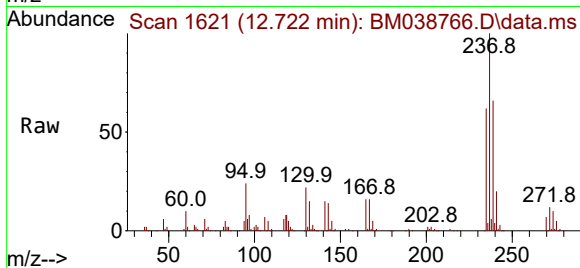




#41
Hexachlorocyclopentadiene
Concen: 72.132 ng
RT: 12.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

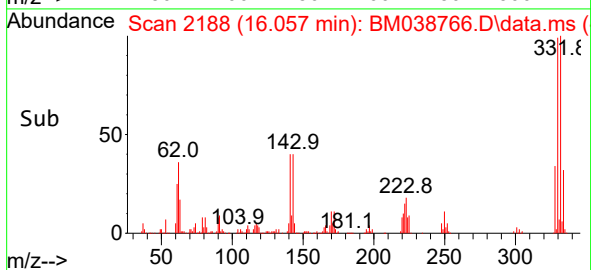
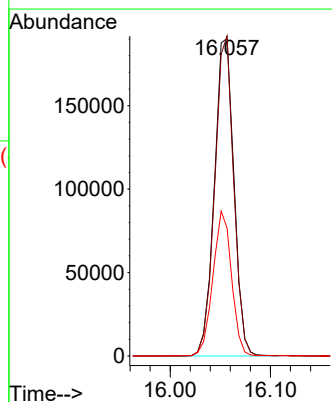
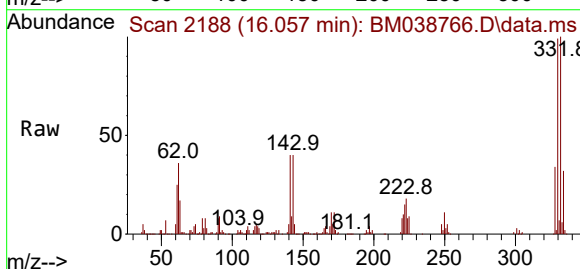
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

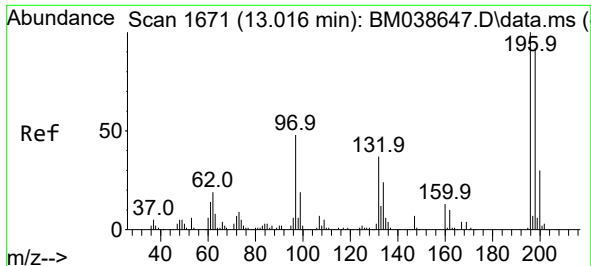
Tgt Ion:237 Resp: 177502
Ion Ratio Lower Upper
237 100
235 61.6 43.8 83.8
272 12.5 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 124.431 ng
RT: 16.057 min Scan# 2188
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:330 Resp: 257711
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.6
141 43.6 31.0 46.6

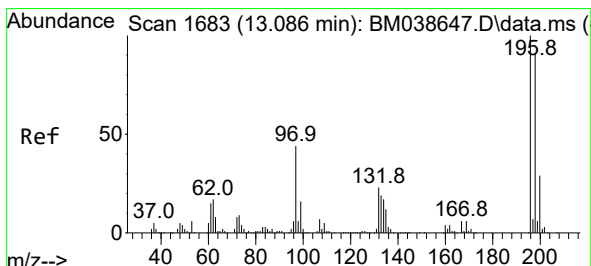
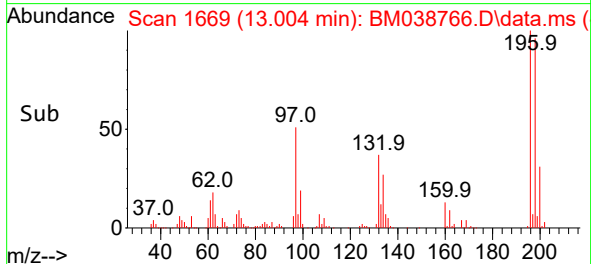
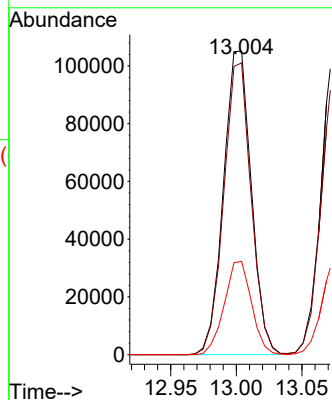
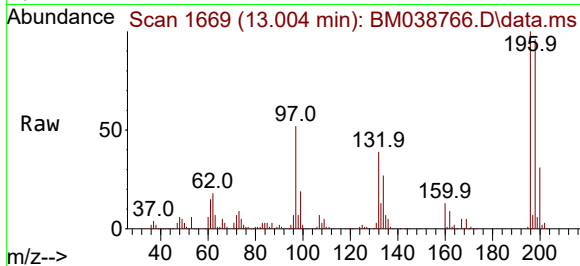




#43
2,4,6-Trichlorophenol
Concen: 49.853 ng
RT: 13.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

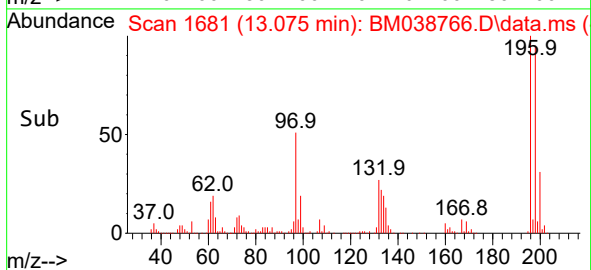
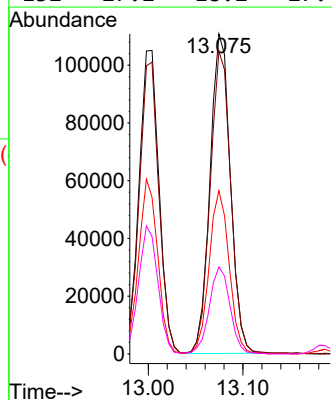
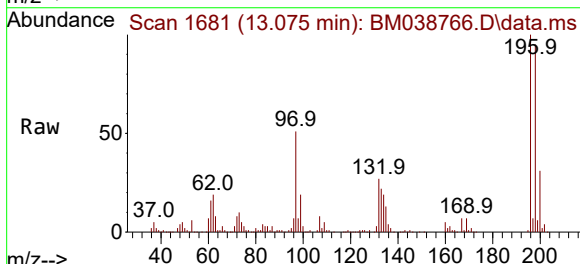
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

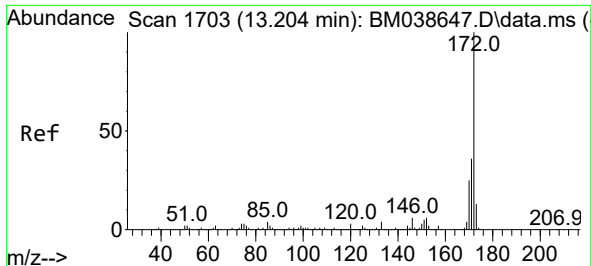
Tgt Ion:196 Resp: 155313
Ion Ratio Lower Upper
196 100
198 96.1 73.7 110.5
200 30.7 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 45.193 ng
RT: 13.075 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:196 Resp: 165687
Ion Ratio Lower Upper
196 100
198 94.6 73.1 109.7
97 51.0 35.5 53.3
132 27.2 18.2 27.4

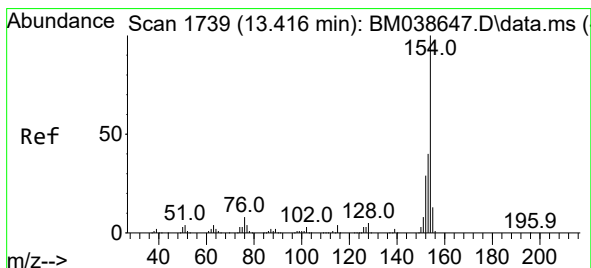
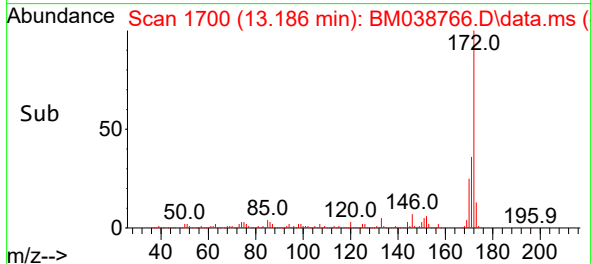
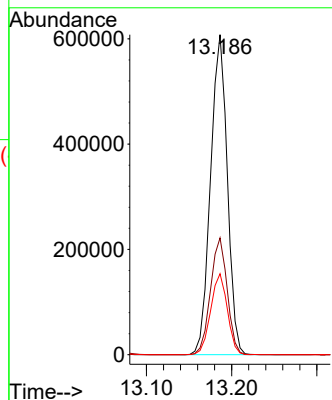
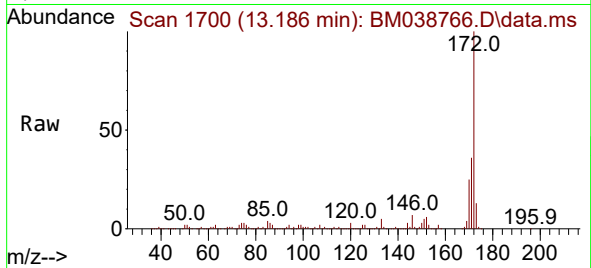




#45
2-Fluorobiphenyl
Concen: 69.340 ng
RT: 13.186 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

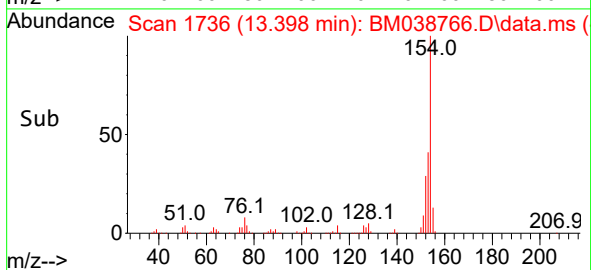
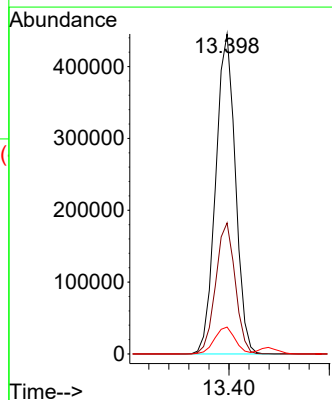
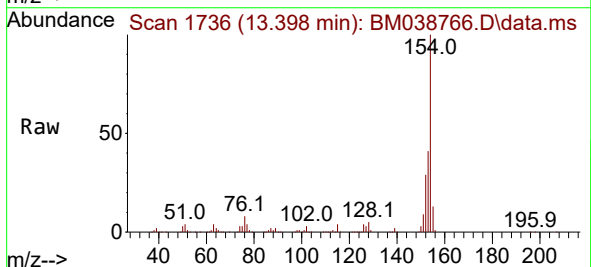
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

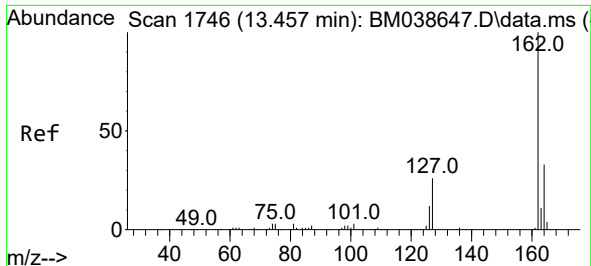
Tgt Ion:172 Resp: 829917
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 25.3 20.0 30.0



#46
1,1'-Biphenyl
Concen: 50.147 ng
RT: 13.398 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:154 Resp: 605287
Ion Ratio Lower Upper
154 100
153 40.9 19.9 59.9
76 8.4 0.0 27.9

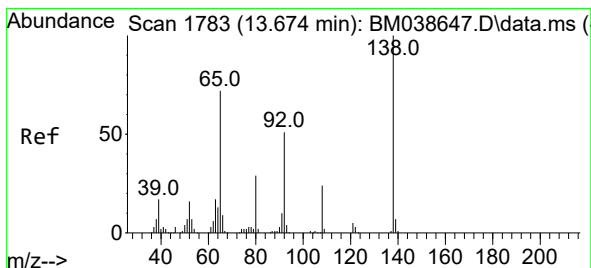
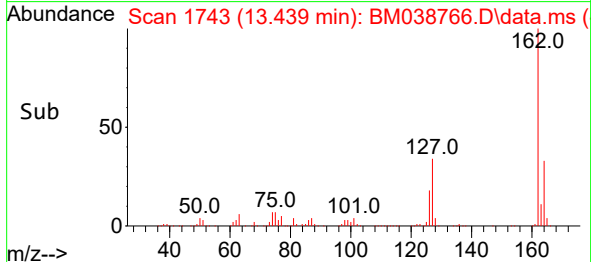
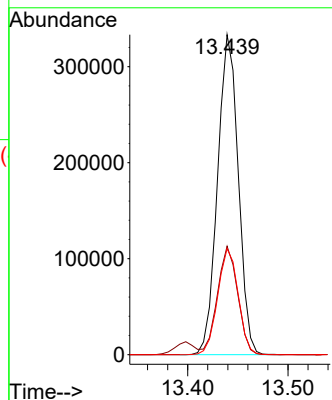
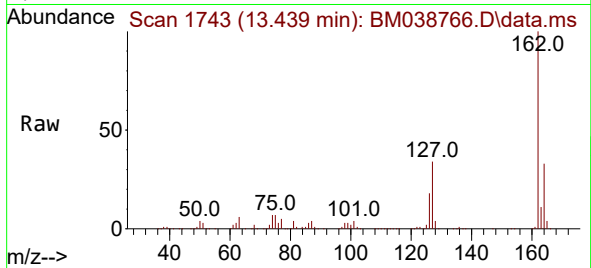




#47
2-Chloronaphthalene
Concen: 50.368 ng
RT: 13.439 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

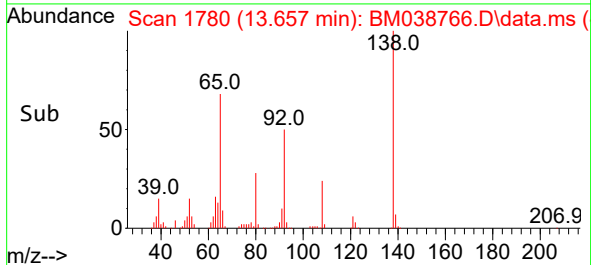
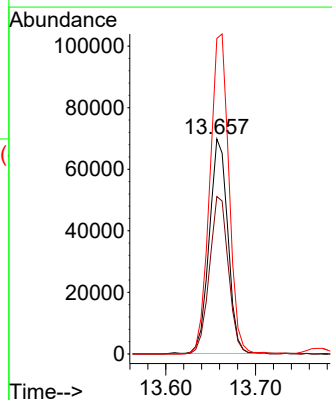
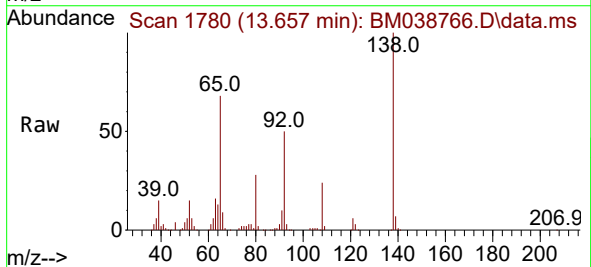
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

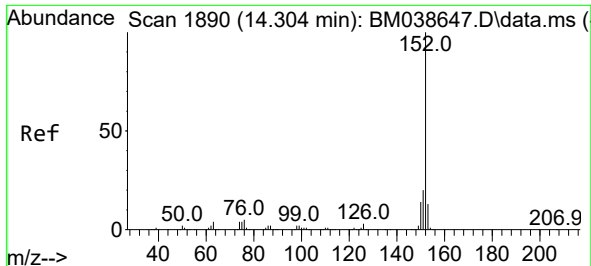
Tgt Ion:162 Resp: 478393
Ion Ratio Lower Upper
162 100
127 33.9 23.6 35.4
164 33.2 26.7 40.1



#48
2-Nitroaniline
Concen: 46.621 ng
RT: 13.657 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion: 65 Resp: 99793
Ion Ratio Lower Upper
65 100
92 73.2 55.9 83.9
138 146.7 110.6 166.0

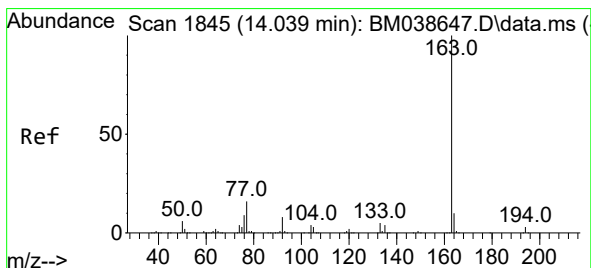
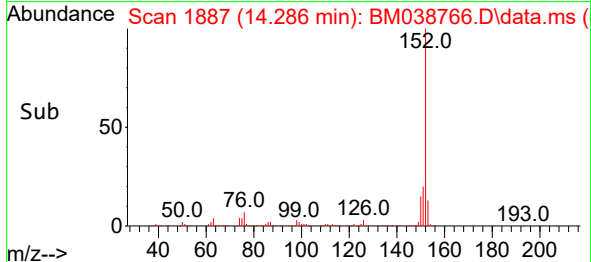
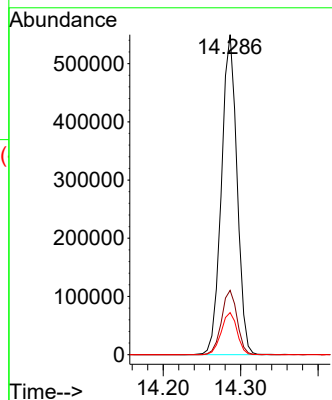
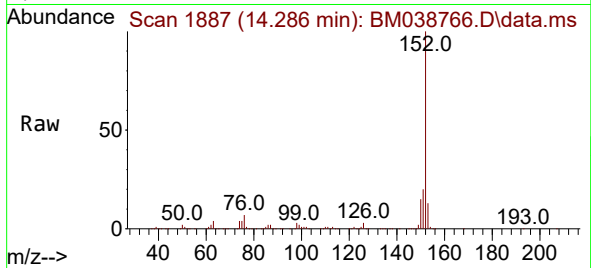




#49
Acenaphthylene
Concen: 51.526 ng
RT: 14.286 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

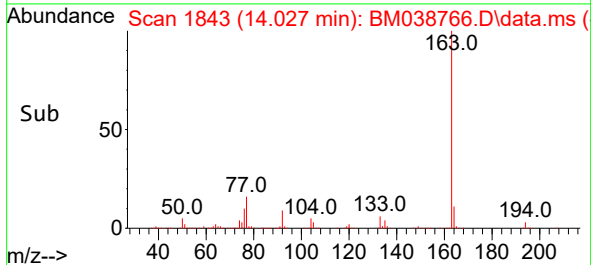
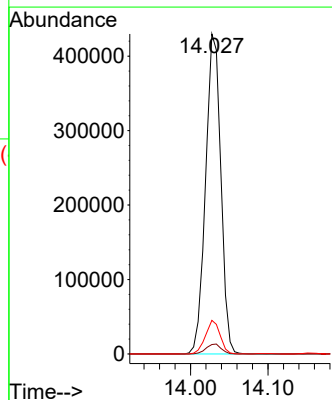
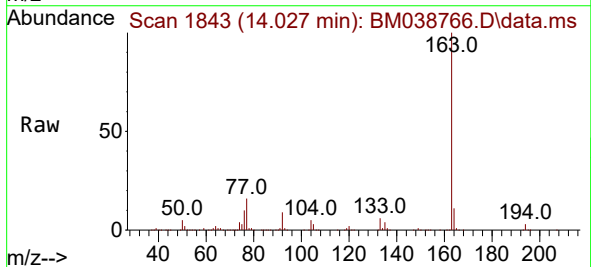
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

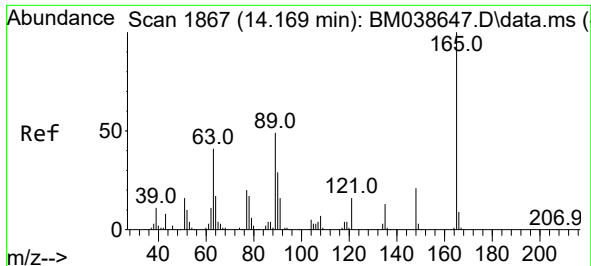
Tgt Ion:152 Resp: 770818
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.2 10.0 15.0



#50
Dimethylphthalate
Concen: 47.202 ng
RT: 14.027 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:163 Resp: 586935
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.5 8.2 12.4

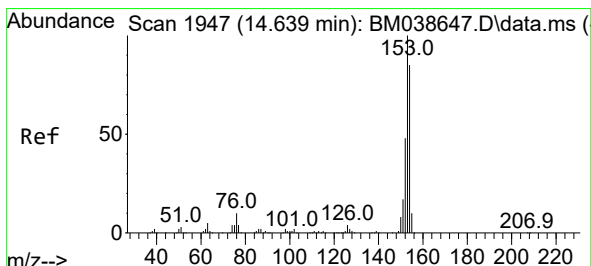
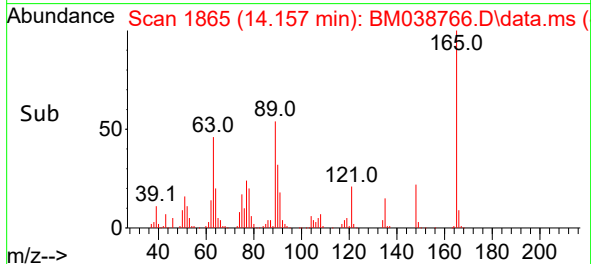
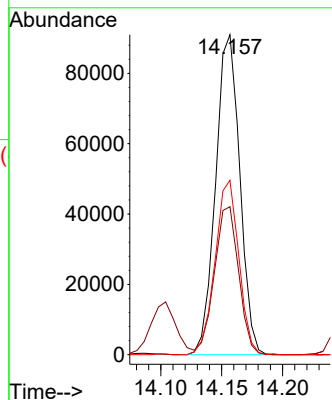
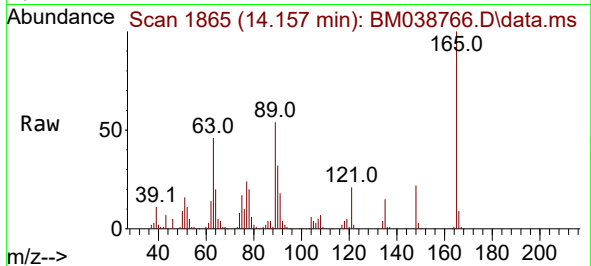




#51
2,6-Dinitrotoluene
Concen: 49.722 ng
RT: 14.157 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

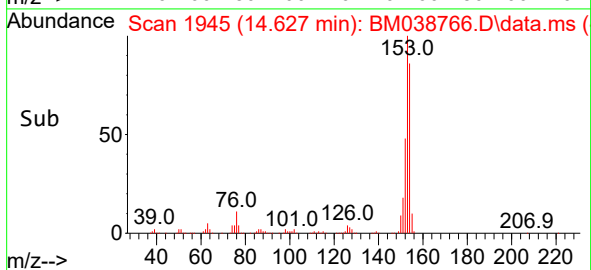
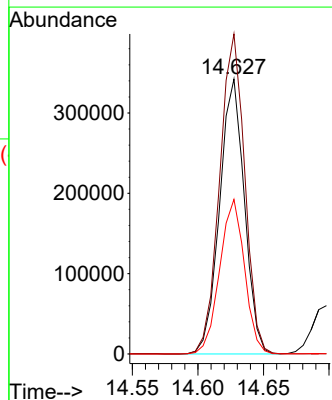
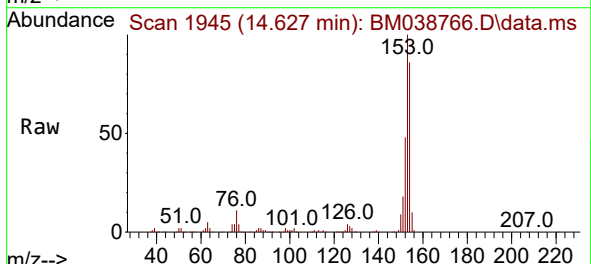
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

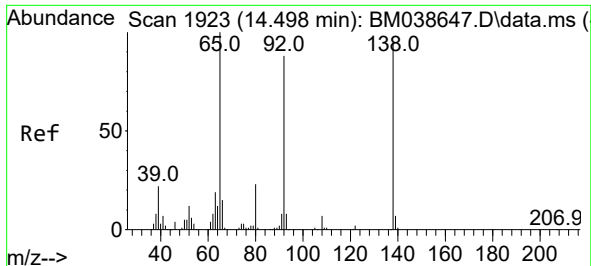
Tgt Ion:165 Resp: 125663
Ion Ratio Lower Upper
165 100
63 46.2 35.8 53.8
89 54.5 39.3 58.9



#52
Acenaphthene
Concen: 50.365 ng
RT: 14.627 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:154 Resp: 449887
Ion Ratio Lower Upper
154 100
153 116.4 93.7 140.5
152 56.3 44.6 67.0

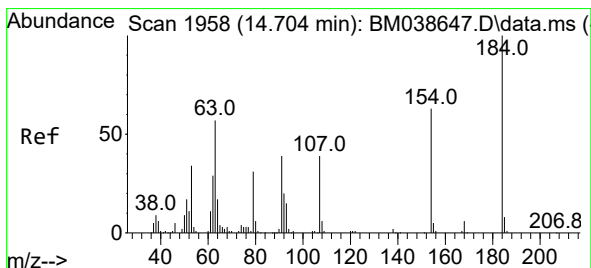
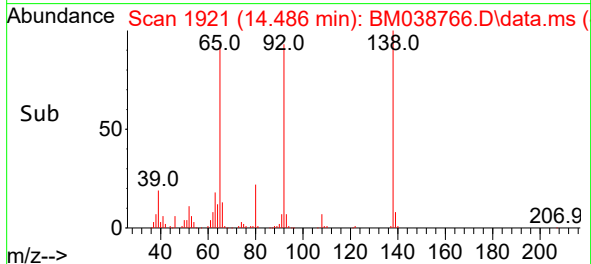
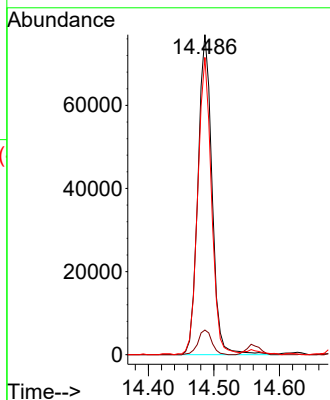
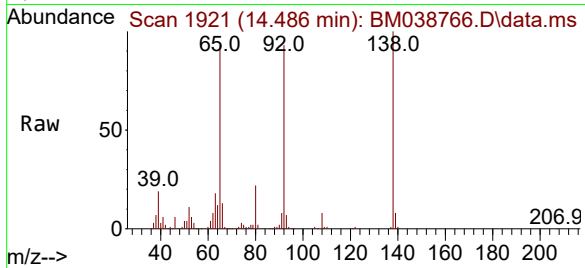




#53
3-Nitroaniline
Concen: 43.627 ng
RT: 14.486 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

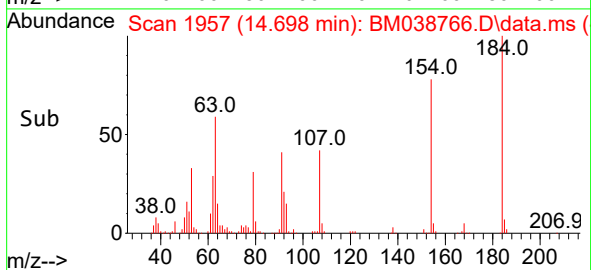
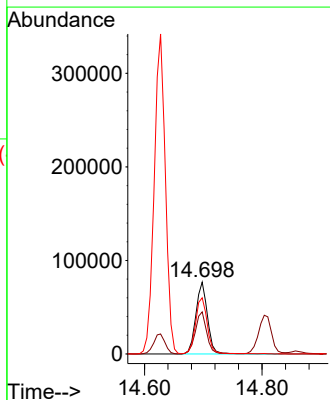
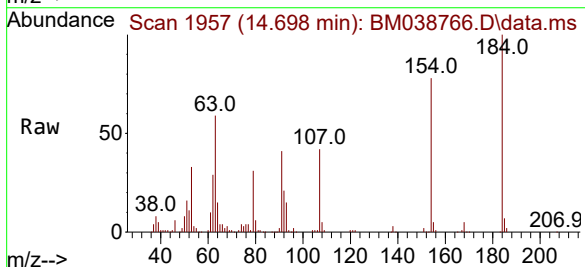
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

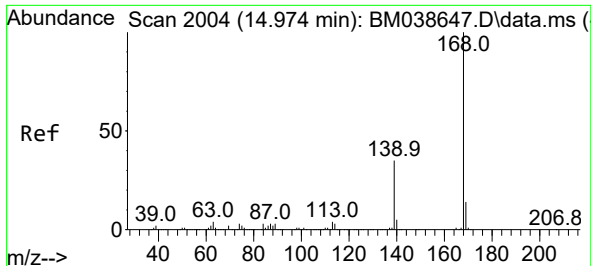
Tgt Ion:138 Resp: 114992
Ion Ratio Lower Upper
138 100
108 7.7 5.8 8.8
92 92.9 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 63.891 ng
RT: 14.698 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:184 Resp: 105101
Ion Ratio Lower Upper
184 100
63 58.5 45.9 68.9
154 78.2 54.9 82.3

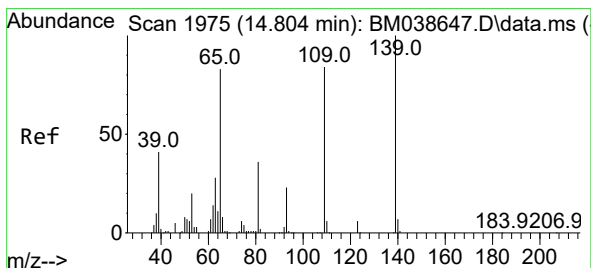
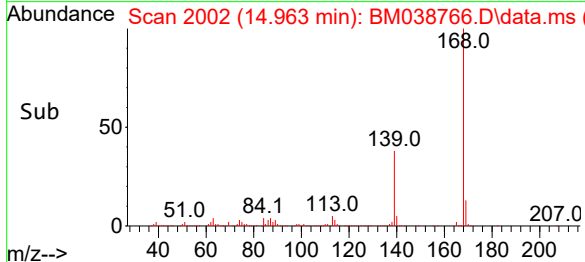
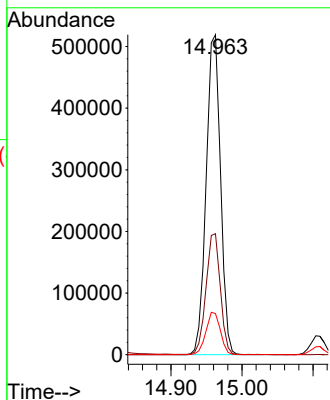
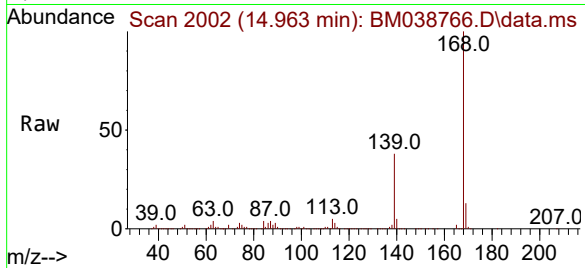




#55
Dibenzenofuran
Concen: 47.560 ng
RT: 14.963 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

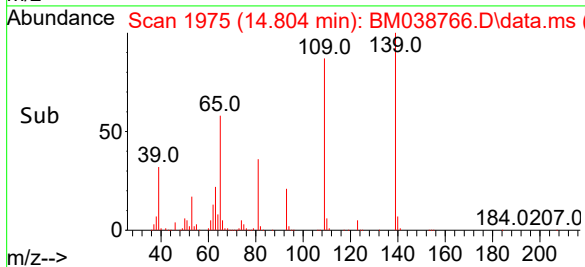
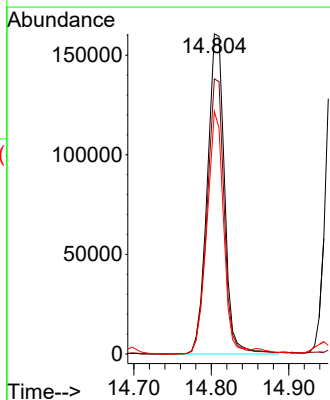
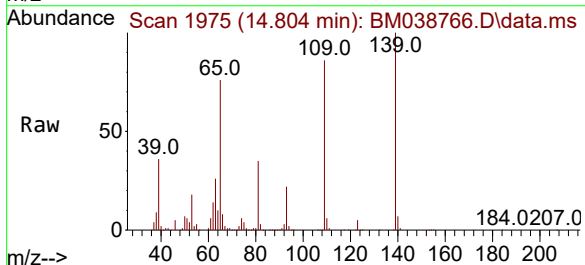
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

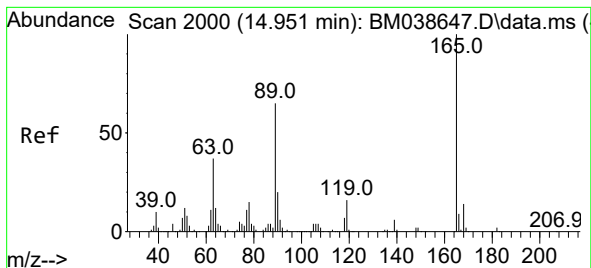
Tgt Ion:168 Resp: 731580
Ion Ratio Lower Upper
168 100
139 37.8 27.8 41.6
169 12.9 10.9 16.3



#56
4-Nitrophenol
Concen: 122.695 ng
RT: 14.804 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:139 Resp: 248696
Ion Ratio Lower Upper
139 100
109 85.9 63.8 103.8
65 75.8 62.5 102.5

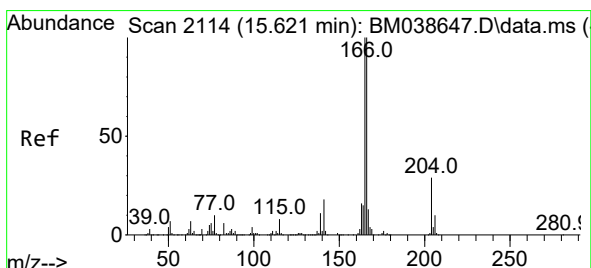
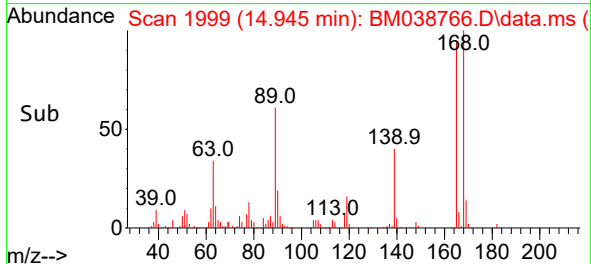
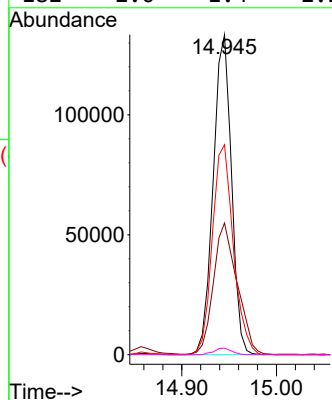
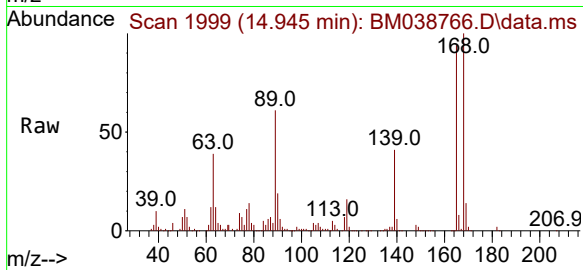




#57
2,4-Dinitrotoluene
Concen: 47.978 ng
RT: 14.945 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

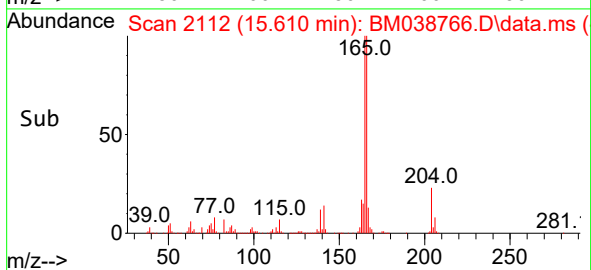
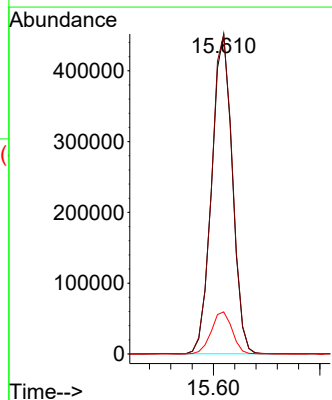
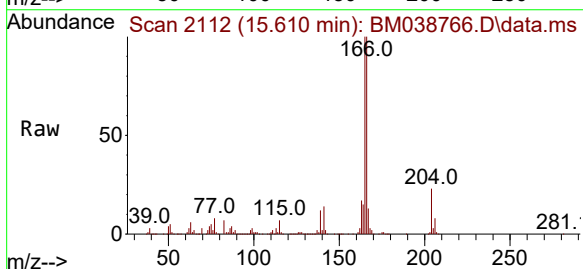
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

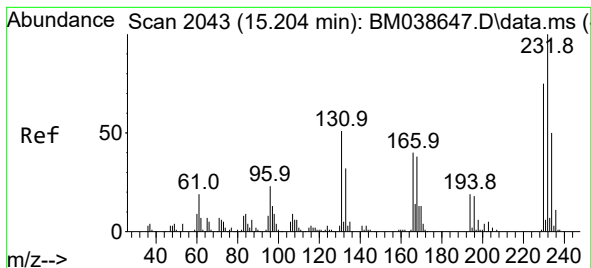
Tgt Ion:165	Resp:	178919
Ion Ratio	Lower	Upper
165	100	
63	41.1	29.4 44.0
89	65.6	51.8 77.6
182	2.0	1.4 2.2



#58
Fluorene
Concen: 49.594 ng
RT: 15.610 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:166	Resp:	603612
Ion Ratio	Lower	Upper
166	100	
165	99.7	80.2 120.4
167	13.1	10.7 16.1

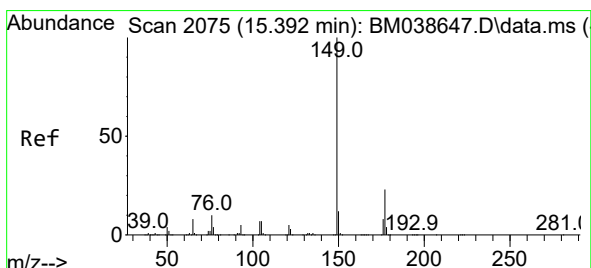
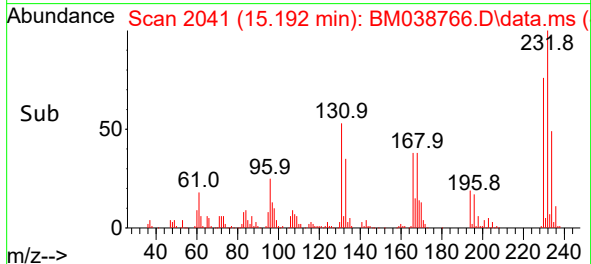
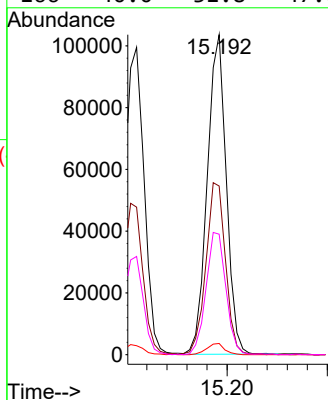
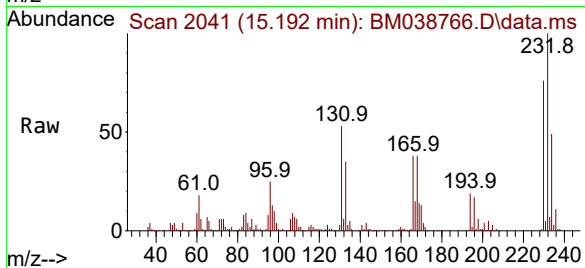




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.541 ng
RT: 15.192 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

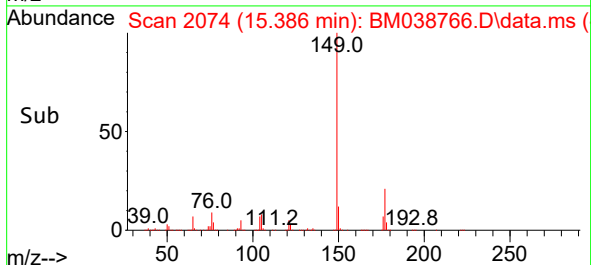
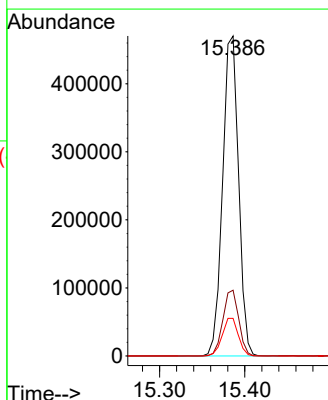
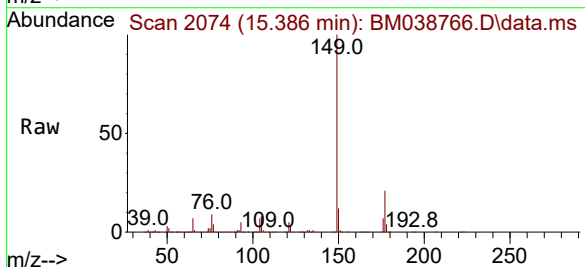
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

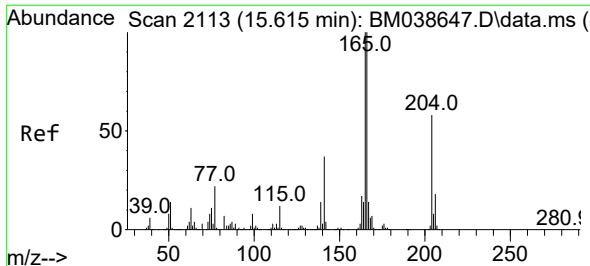
Tgt Ion:232 Resp: 136616
Ion Ratio Lower Upper
232 100
131 55.6 41.2 61.8
130 3.3 2.4 3.6
166 40.0 31.8 47.6



#60
Diethylphthalate
Concen: 51.930 ng
RT: 15.386 min Scan# 2074
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:149 Resp: 611736
Ion Ratio Lower Upper
149 100
177 20.6 18.1 27.1
150 11.7 10.0 15.0

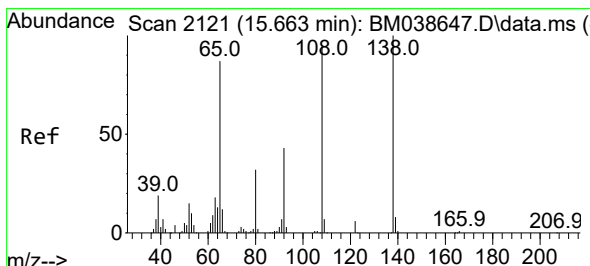
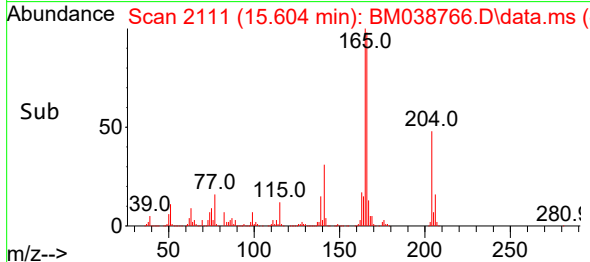
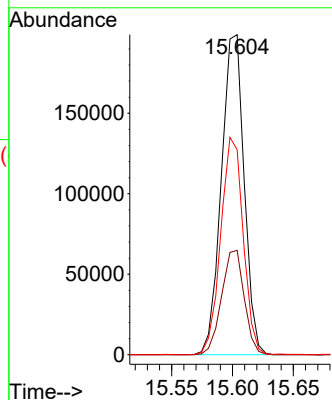
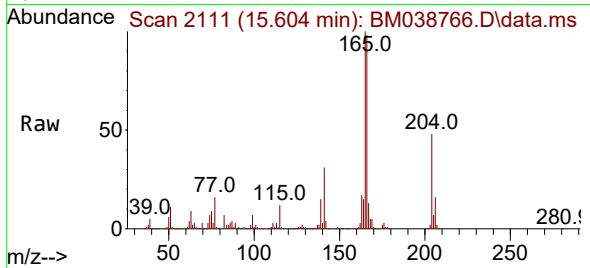




#61
4-Chlorophenyl-phenylether
Concen: 50.157 ng
RT: 15.604 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

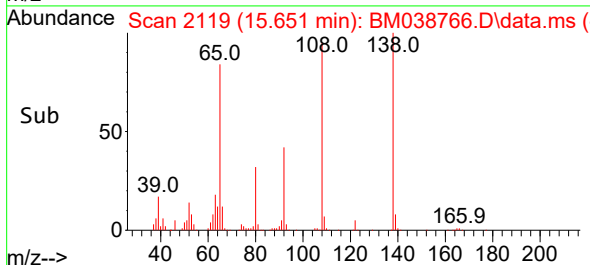
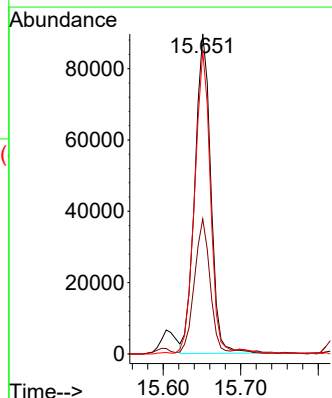
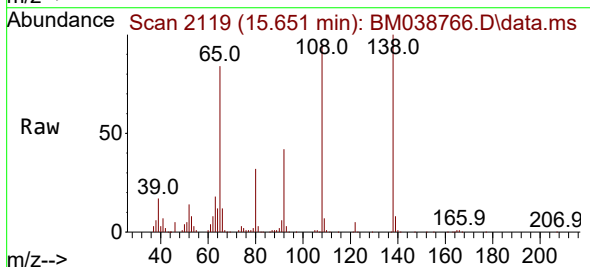
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

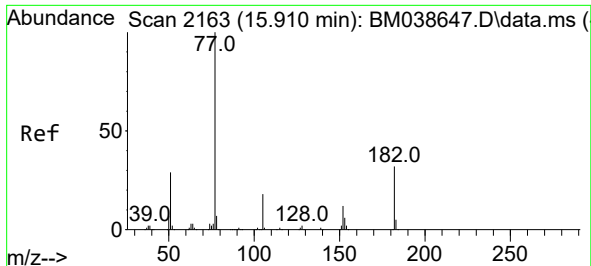
Tgt Ion:204 Resp: 258980
Ion Ratio Lower Upper
204 100
206 32.6 25.3 37.9
141 64.0 51.3 76.9



#62
4-Nitroaniline
Concen: 47.202 ng
RT: 15.651 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:138 Resp: 128083
Ion Ratio Lower Upper
138 100
92 42.2 23.4 63.4
108 94.7 75.1 115.1

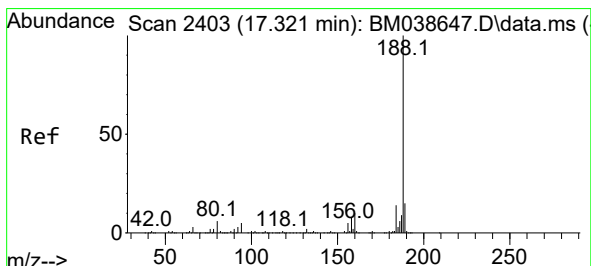
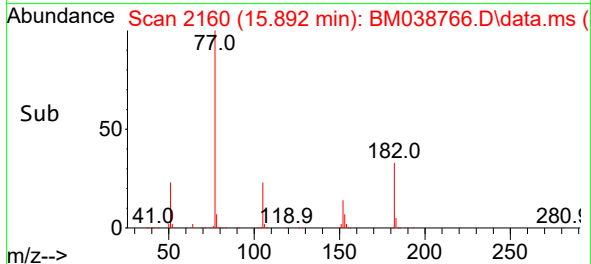
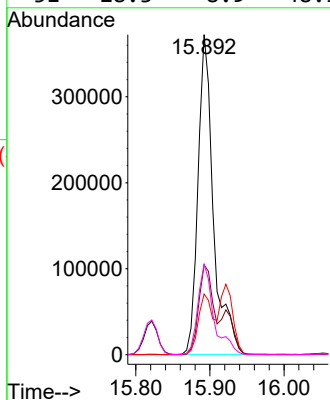
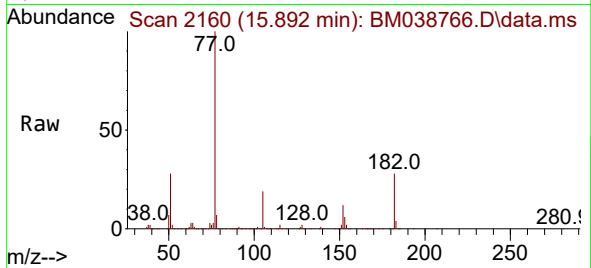




#63
Azobenzene
Concen: 59.465 ng
RT: 15.892 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

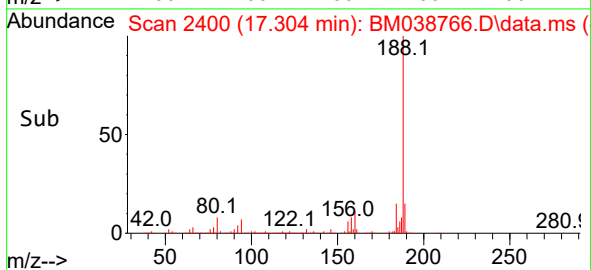
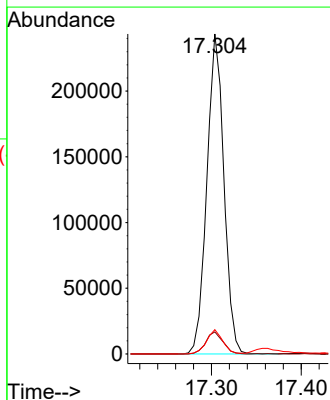
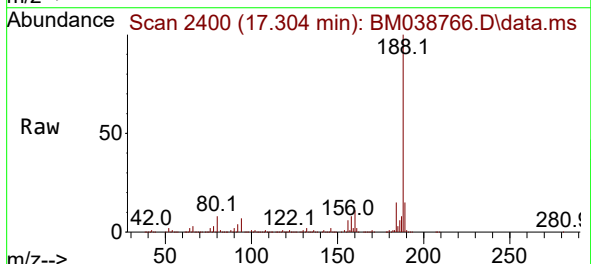
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

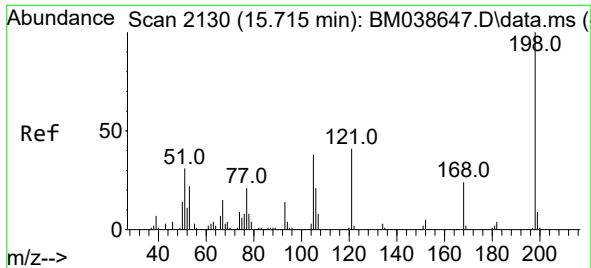
Tgt Ion: 77	Resp: 538939
Ion Ratio	Lower Upper
77 100	
182 28.0	12.0 52.0
105 18.9	0.0 37.5
51 28.3	8.9 48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion: 188	Resp: 321117
Ion Ratio	Lower Upper
188 100	
94 6.9	4.2 6.4#
80 7.6	4.6 7.0#

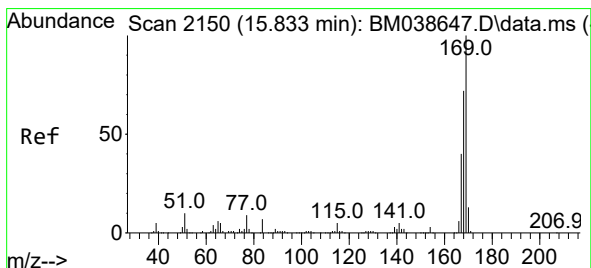
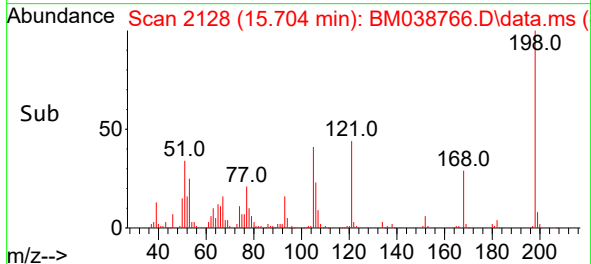
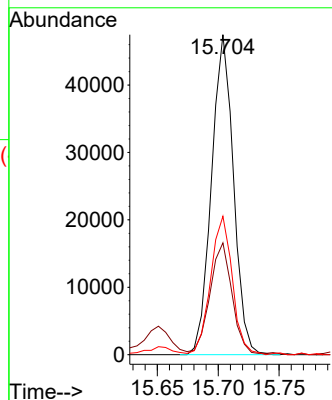
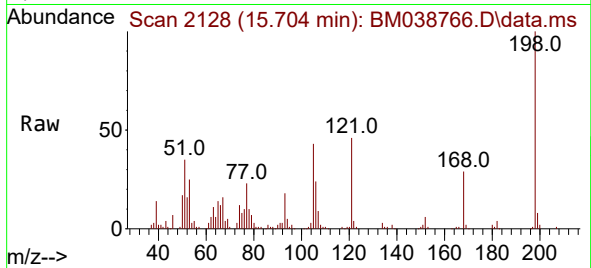




#65
4,6-Dinitro-2-methylphenol
Concen: 29.429 ng
RT: 15.704 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

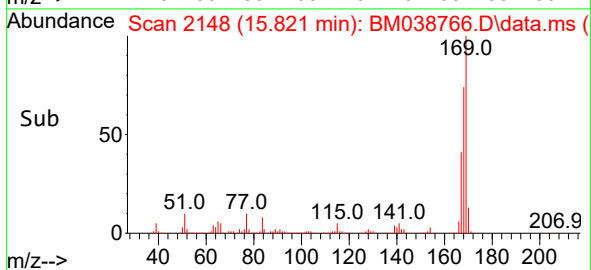
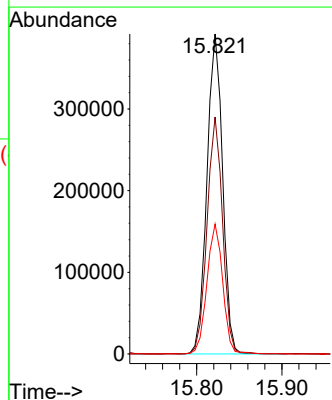
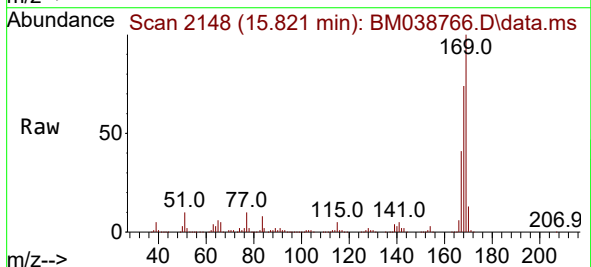
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

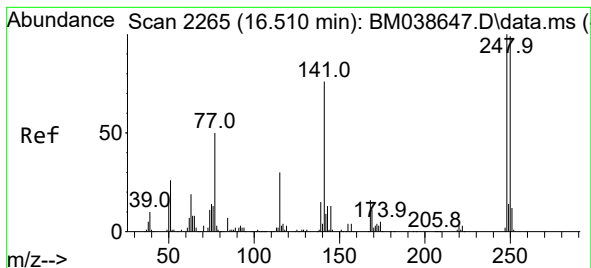
Tgt Ion:198 Resp: 59491
Ion Ratio Lower Upper
198 100
51 34.9 13.0 53.0
105 43.3 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 47.797 ng
RT: 15.821 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:169 Resp: 501155
Ion Ratio Lower Upper
169 100
168 74.1 57.6 86.4
167 40.6 32.3 48.5

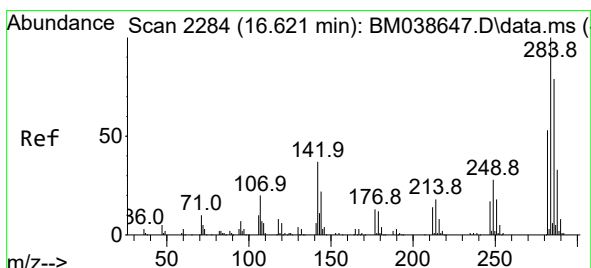
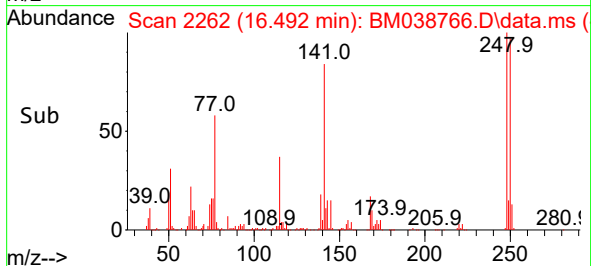
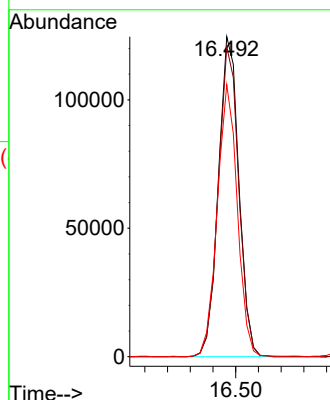
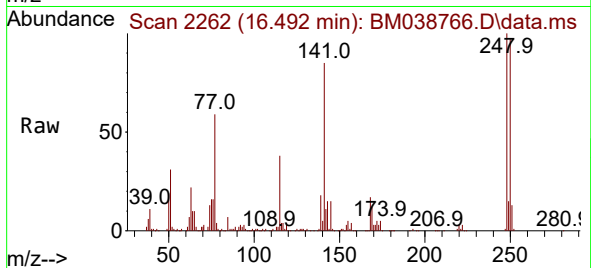




#67
4-Bromophenyl-phenylether
Concen: 50.361 ng
RT: 16.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

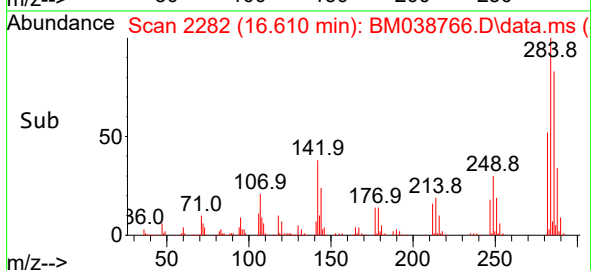
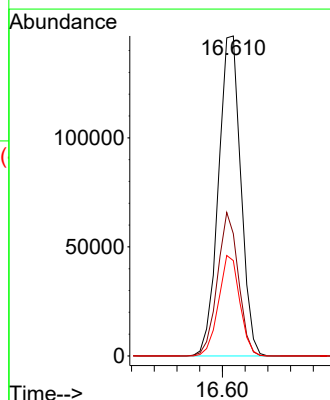
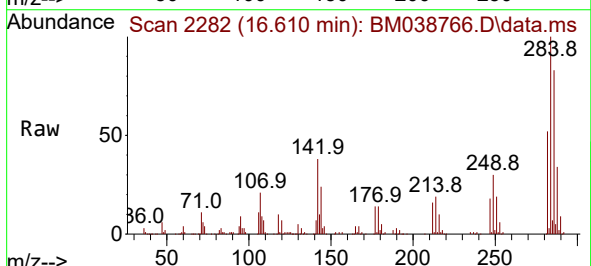
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

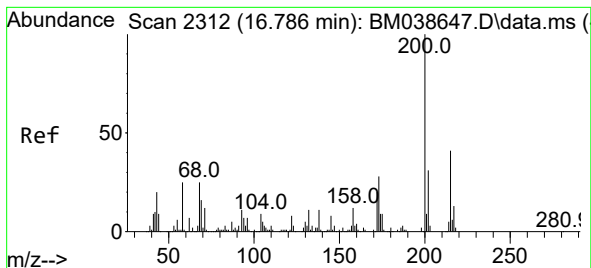
Tgt Ion:248 Resp: 156149
Ion Ratio Lower Upper
248 100
250 96.8 79.4 119.2
141 85.0 61.0 91.6



#68
Hexachlorobenzene
Concen: 52.924 ng
RT: 16.610 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:284 Resp: 200548
Ion Ratio Lower Upper
284 100
142 38.2 29.8 44.6
249 29.8 22.2 33.4





#69

Atrazine

Concen: 54.675 ng

RT: 16.774 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MS

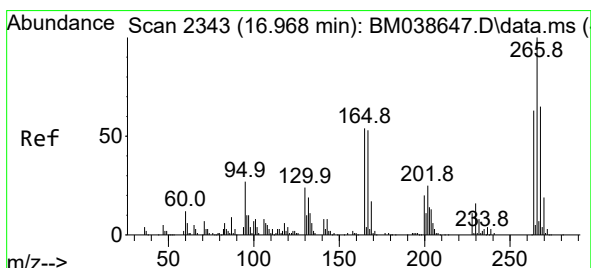
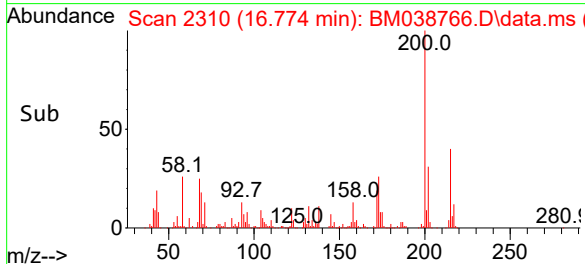
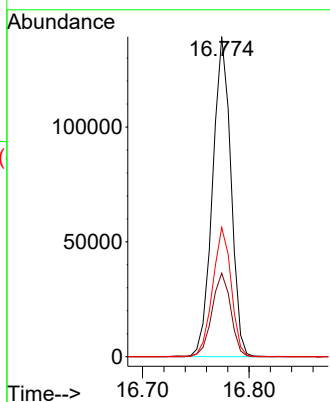
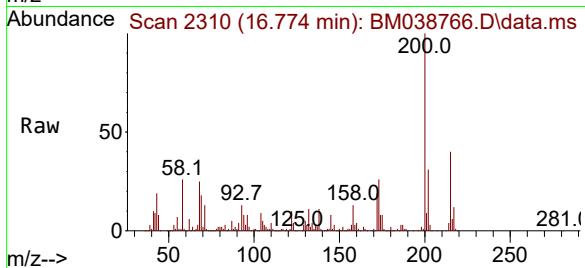
Tgt Ion:200 Resp: 166154

Ion Ratio Lower Upper

200 100

173 26.1 7.9 47.9

215 40.4 20.8 60.8



#70

Pentachlorophenol

Concen: 100.896 ng

RT: 16.957 min Scan# 2341

Delta R.T. -0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

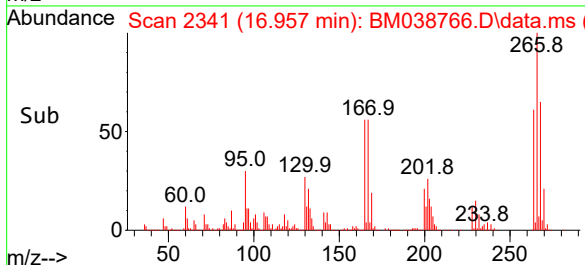
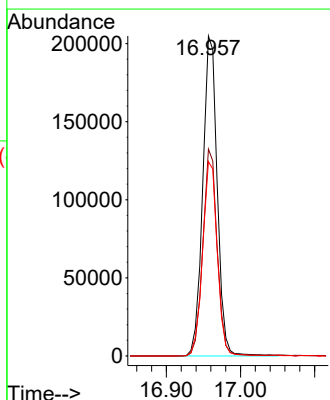
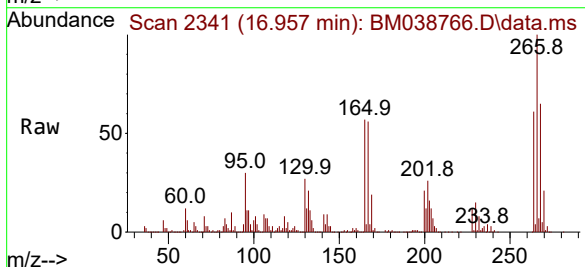
Tgt Ion:266 Resp: 278707

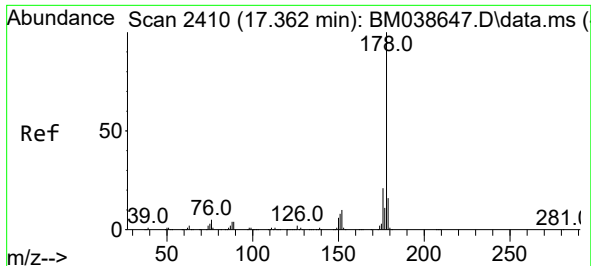
Ion Ratio Lower Upper

266 100

268 64.7 51.8 77.6

264 60.8 50.6 76.0

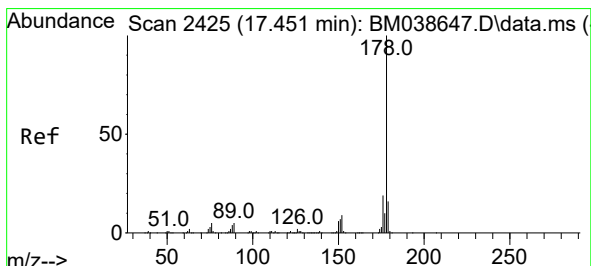
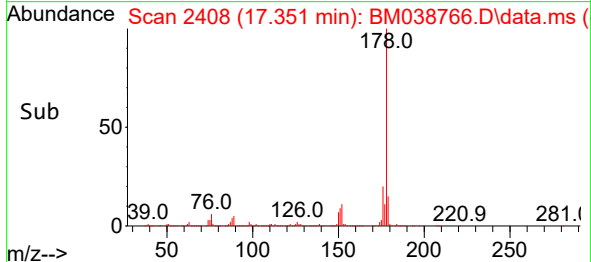
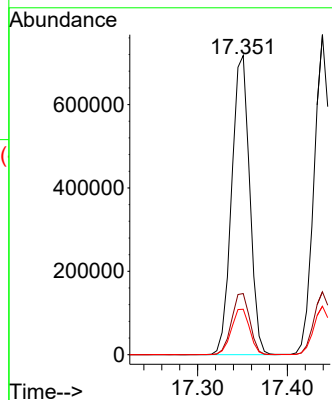
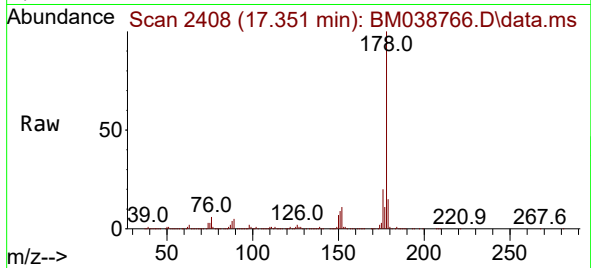




#71
Phenanthrene
Concen: 52.322 ng
RT: 17.351 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

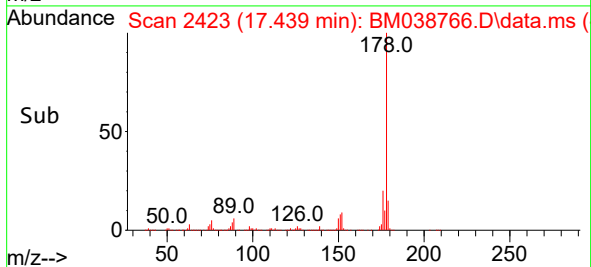
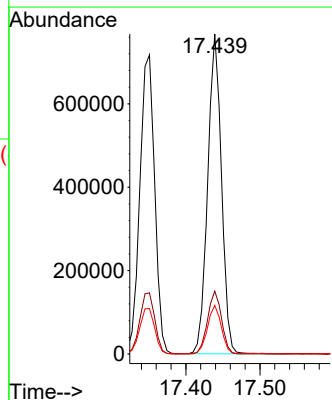
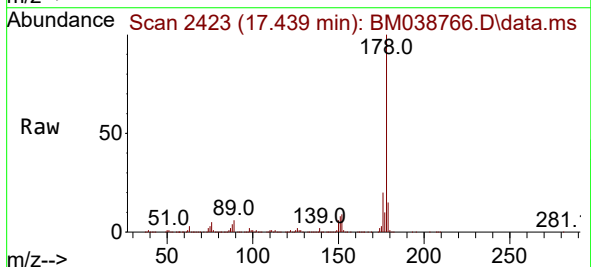
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

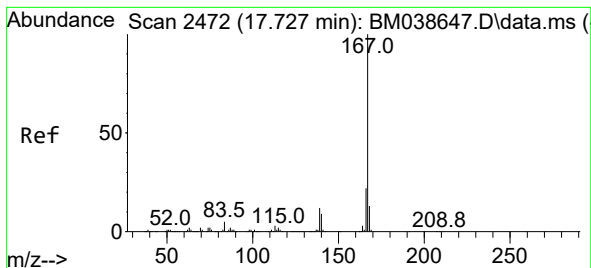
Tgt Ion:178 Resp: 997617
Ion Ratio Lower Upper
178 100
176 20.5 16.7 25.1
179 15.2 12.5 18.7



#72
Anthracene
Concen: 50.715 ng
RT: 17.439 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:178 Resp: 989232
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.2 12.4 18.6





#73

Carbazole

Concen: 52.243 ng

RT: 17.715 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MS

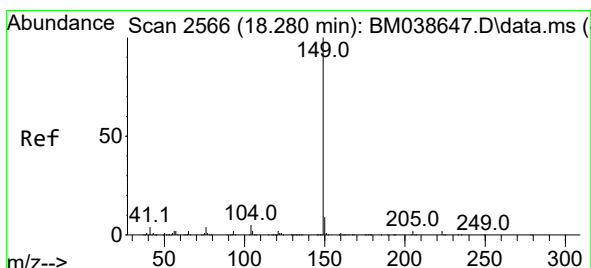
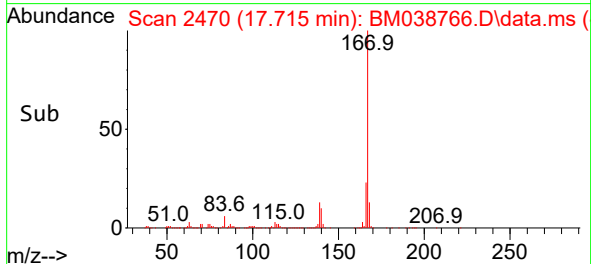
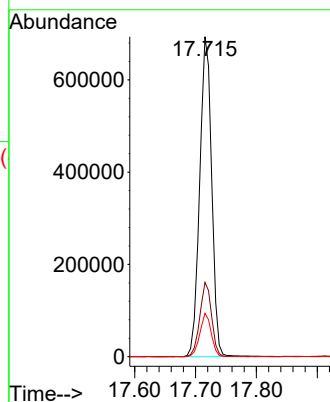
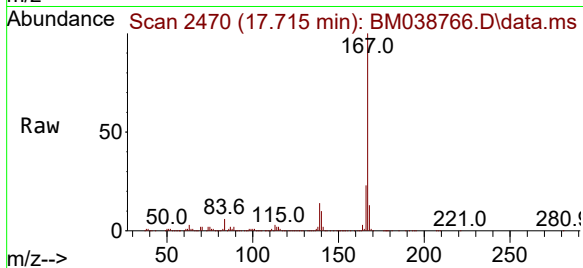
Tgt Ion:167 Resp: 950395

Ion Ratio Lower Upper

167 100

166 23.2 17.8 26.6

139 13.5 9.4 14.2



#74

Di-n-butylphthalate

Concen: 58.120 ng

RT: 18.268 min Scan# 2564

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

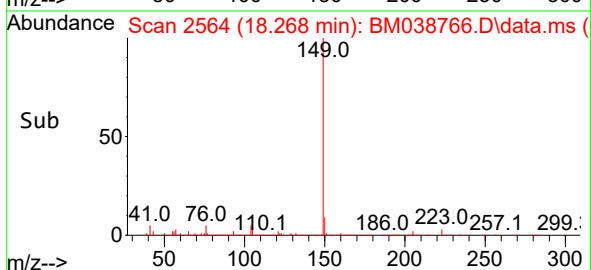
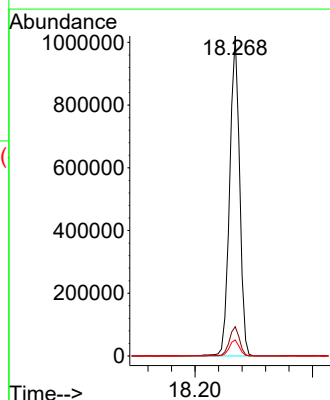
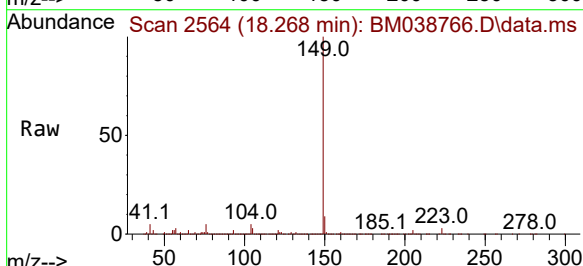
Tgt Ion:149 Resp: 1194536

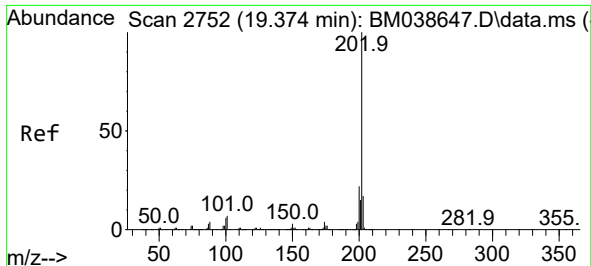
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.0 3.8 5.6

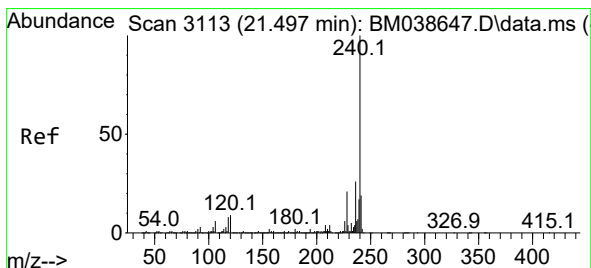
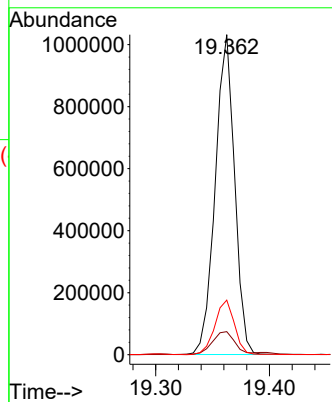
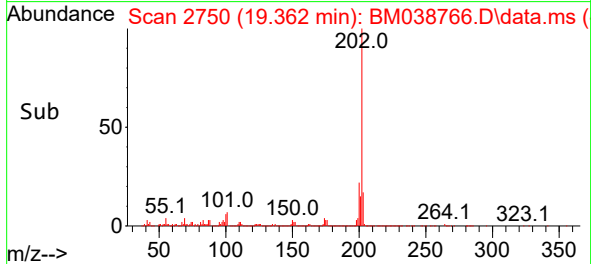
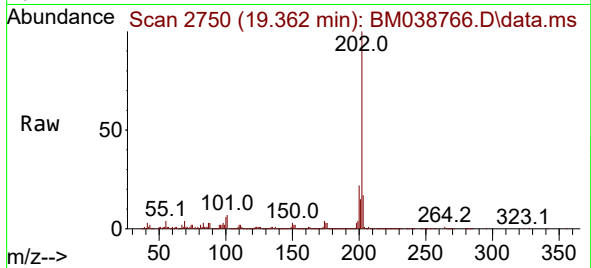




#75
Fluoranthene
Concen: 60.960 ng
RT: 19.362 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

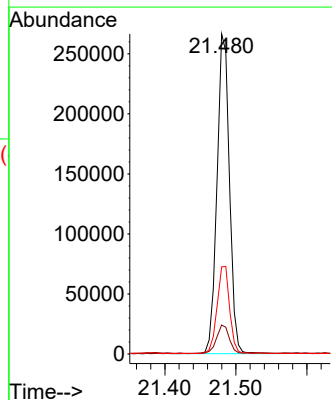
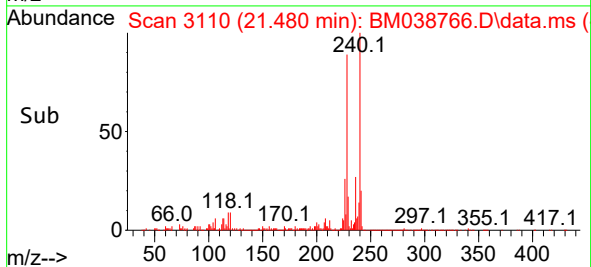
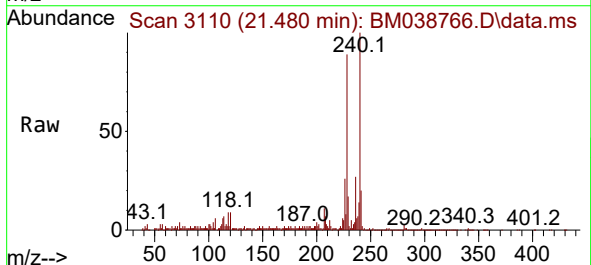
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

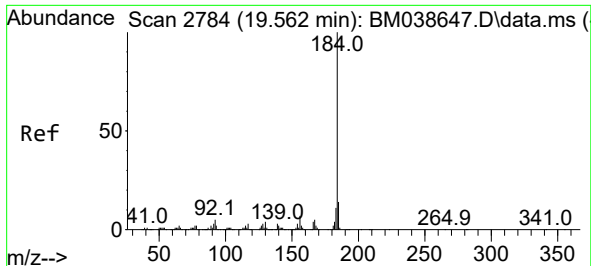
Tgt Ion:202 Resp: 1220388
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.4
203 17.1 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:240 Resp: 322898
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.4
236 27.2 20.9 31.3

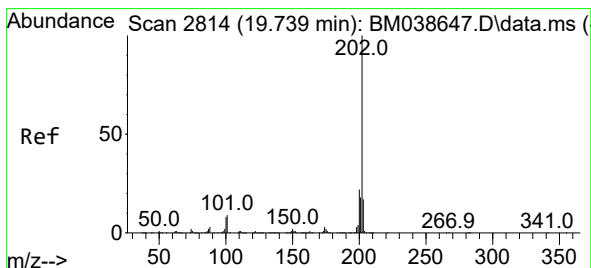
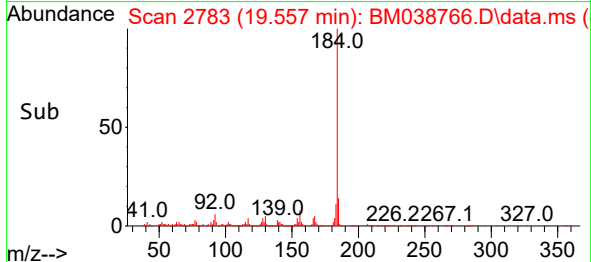
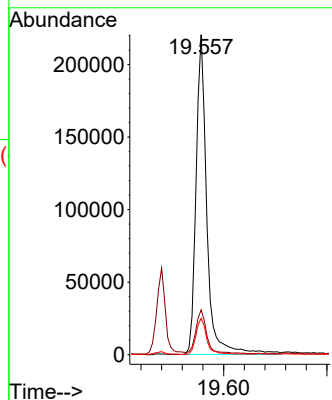
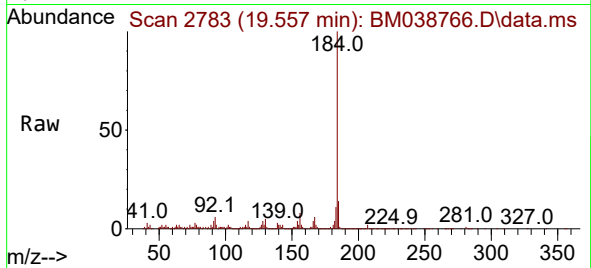




#77
Benzidine
Concen: 33.988 ng
RT: 19.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

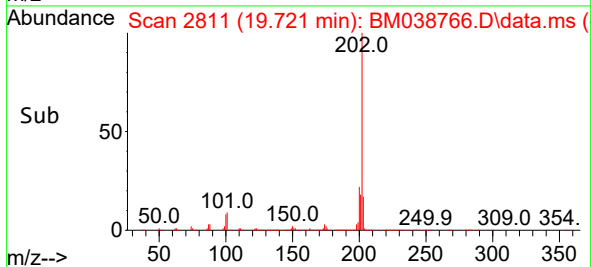
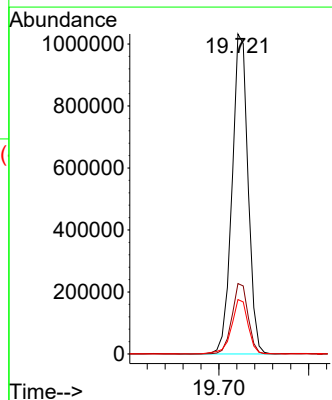
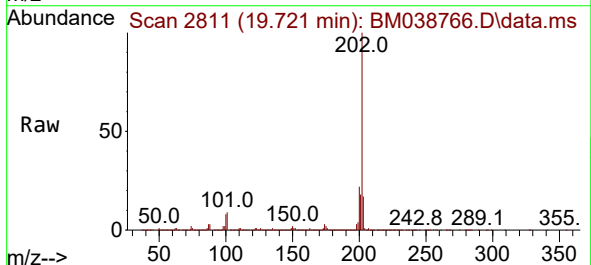
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

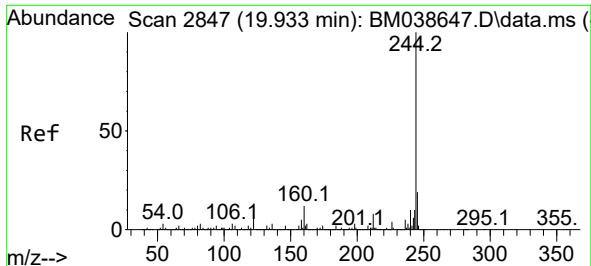
Tgt Ion:184 Resp: 320288
Ion Ratio Lower Upper
184 100
185 14.0 10.8 16.2
183 11.4 8.8 13.2



#78
Pyrene
Concen: 51.203 ng
RT: 19.721 min Scan# 2811
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:202 Resp: 1272901
Ion Ratio Lower Upper
202 100
200 22.0 17.8 26.6
203 17.0 13.5 20.3

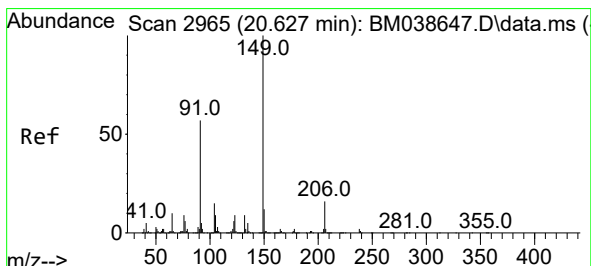
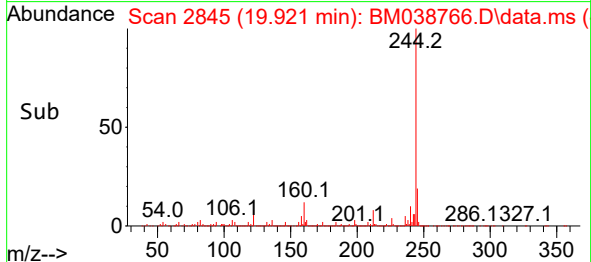
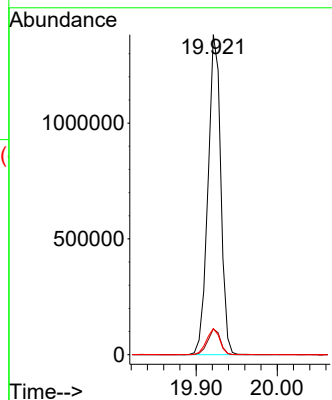
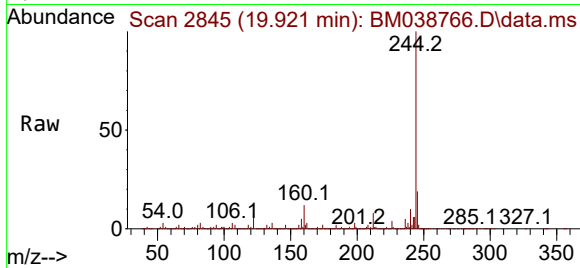




#79
 Terphenyl-d14
 Concen: 82.003 ng
 RT: 19.921 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038766.D
 Acq: 16 Feb 2023 20:41

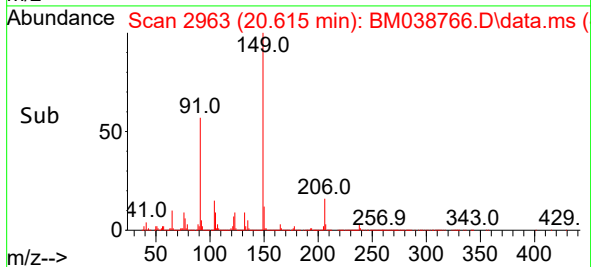
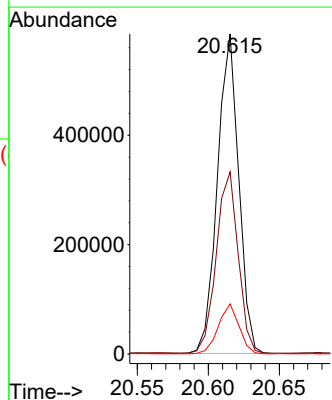
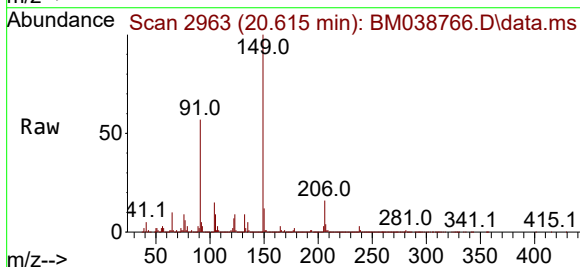
Instrument :
 BNA_M
 ClientSampleId :
 BU-3-021523MS

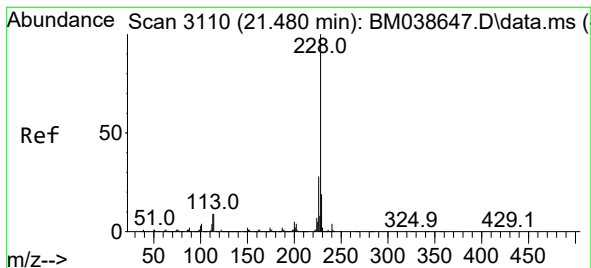
Tgt Ion:244 Resp: 1500484
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 8.1 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 49.117 ng
 RT: 20.615 min Scan# 2963
 Delta R.T. 0.000 min
 Lab File: BM038766.D
 Acq: 16 Feb 2023 20:41

Tgt Ion:149 Resp: 608463
 Ion Ratio Lower Upper
 149 100
 91 56.9 45.6 68.4
 206 15.7 12.5 18.7





#81

Benzo(a)anthracene

Concen: 54.898 ng

RT: 21.468 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MS

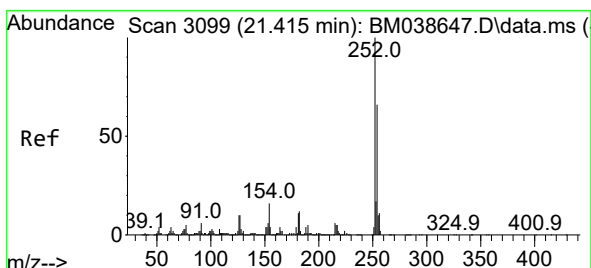
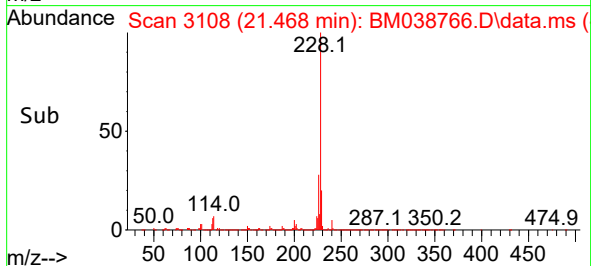
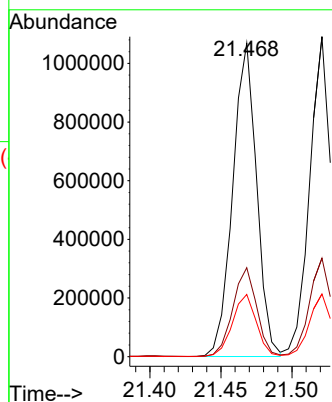
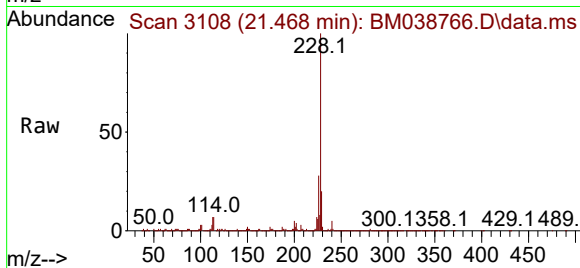
Tgt Ion:228 Resp: 1253909

Ion Ratio Lower Upper

228 100

226 28.4 22.2 33.4

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 26.505 ng

RT: 21.403 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

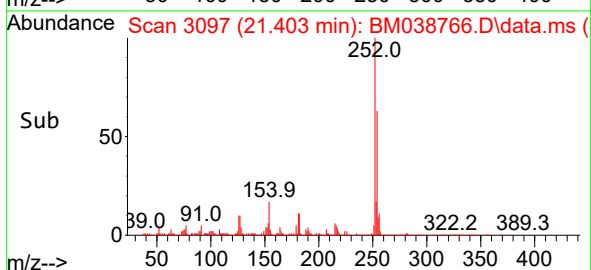
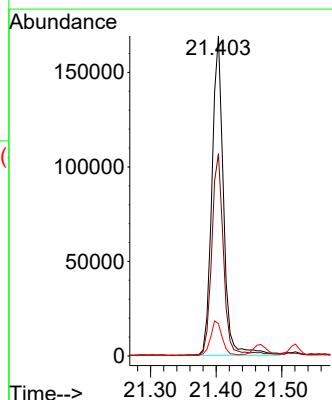
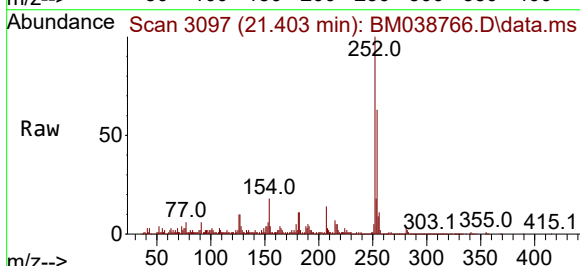
Tgt Ion:252 Resp: 208280

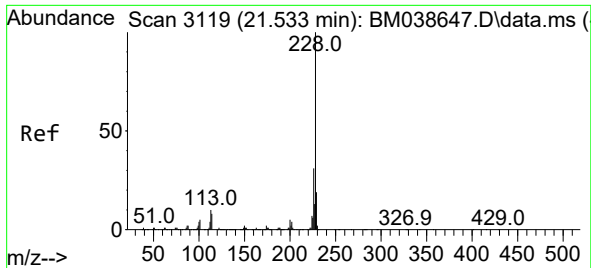
Ion Ratio Lower Upper

252 100

254 63.2 52.8 79.2

126 10.1 8.2 12.2





#83

Chrysene

Concen: 52.509 ng

RT: 21.521 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MS

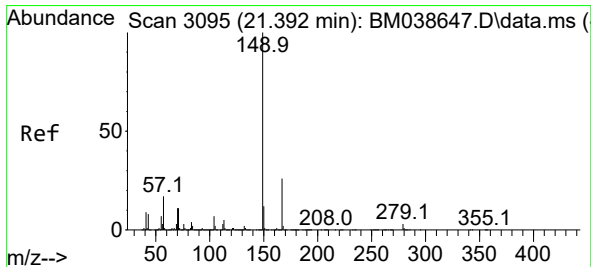
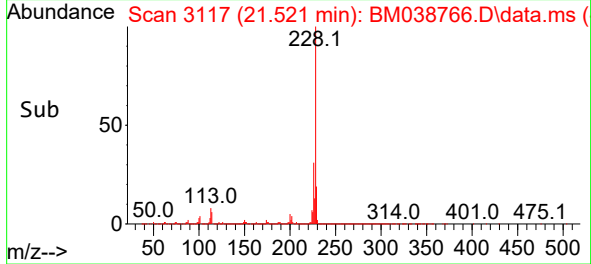
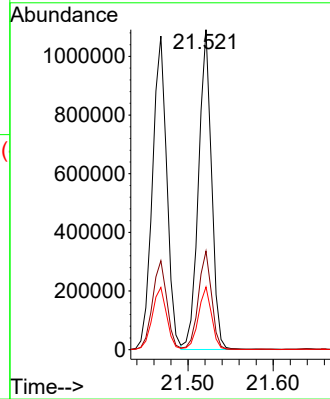
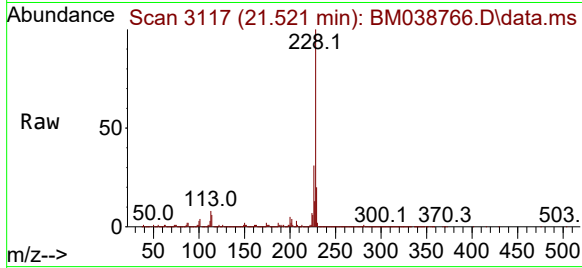
Tgt Ion:228 Resp: 1155570

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.663 ng

RT: 21.380 min Scan# 3093

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

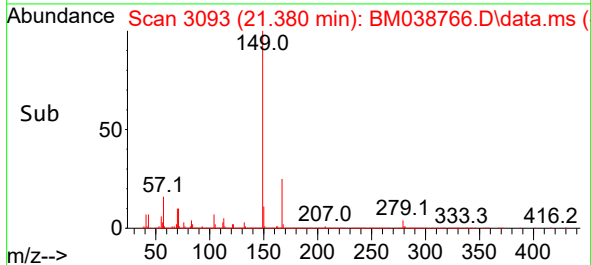
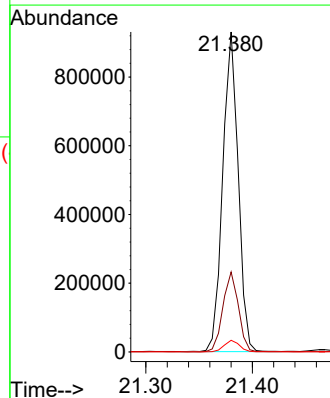
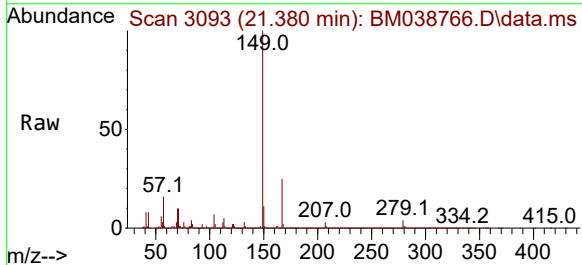
Tgt Ion:149 Resp: 932499

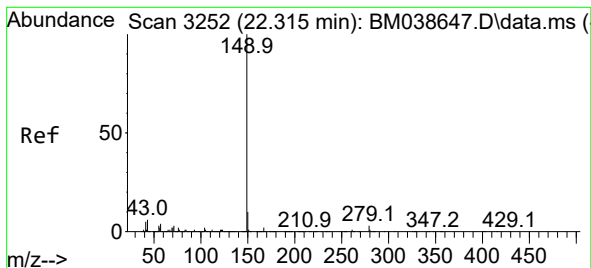
Ion Ratio Lower Upper

149 100

167 25.0 20.8 31.2

279 3.7 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 55.001 ng

RT: 22.298 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MS

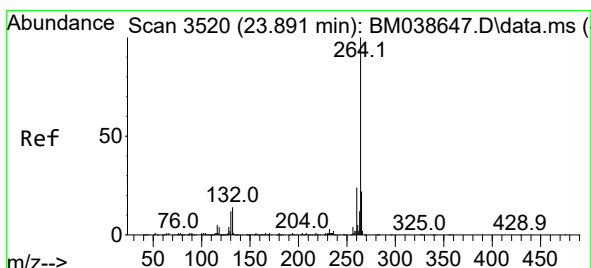
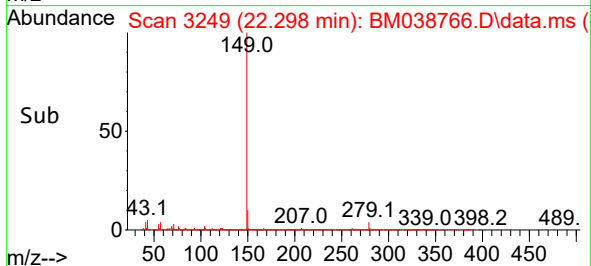
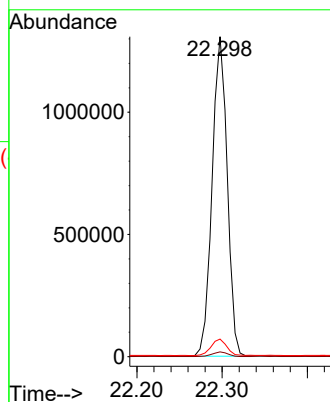
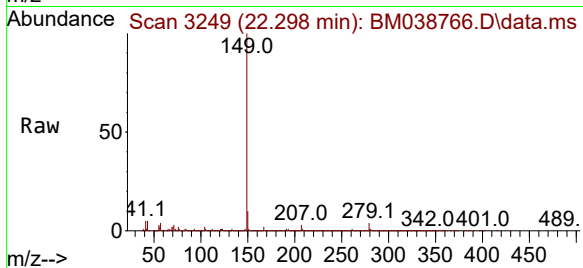
Tgt Ion:149 Resp: 1609471

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 5.4 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.868 min Scan# 3516

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

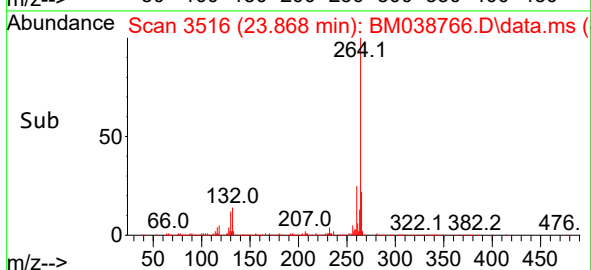
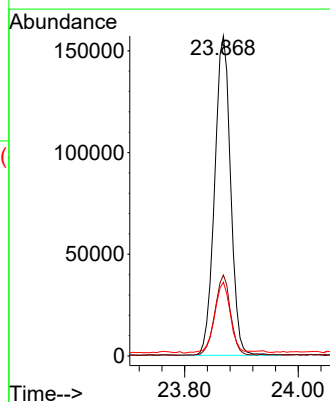
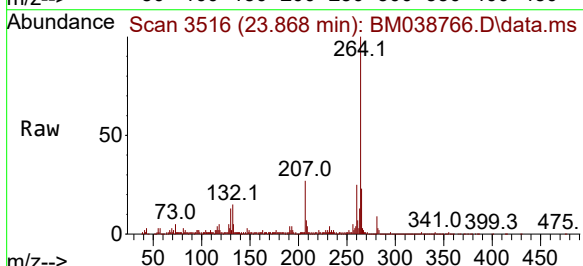
Tgt Ion:264 Resp: 305520

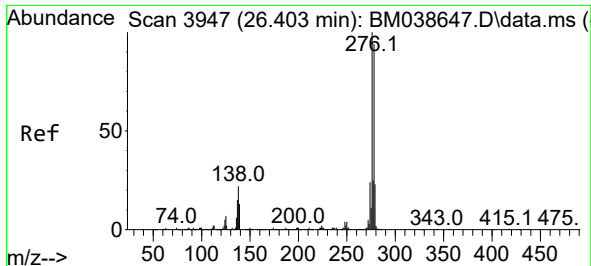
Ion Ratio Lower Upper

264 100

260 25.3 19.6 29.4

265 23.0 17.9 26.9

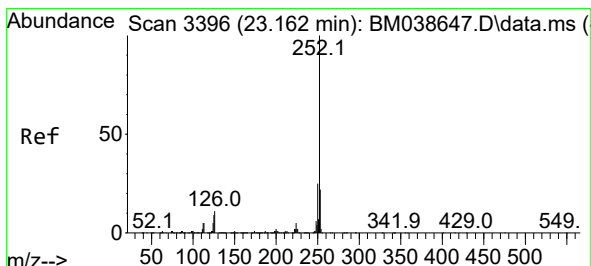
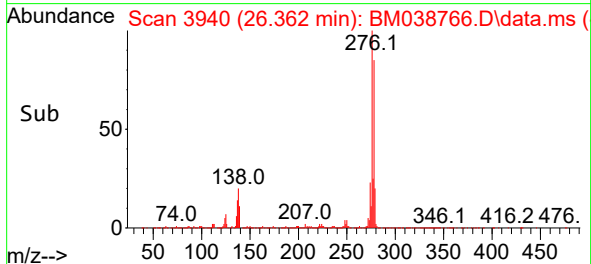
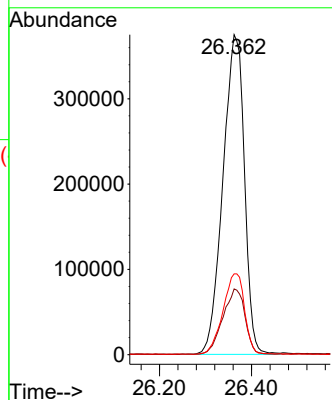
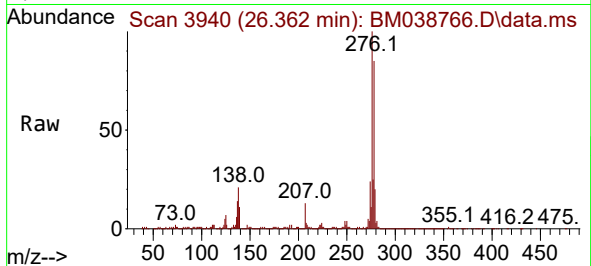




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.270 ng
RT: 26.362 min Scan# 3940
Delta R.T. 0.000 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

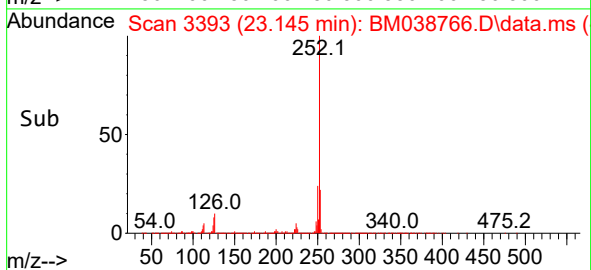
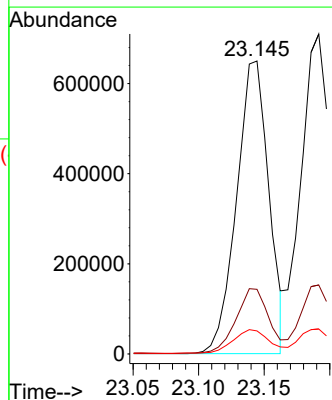
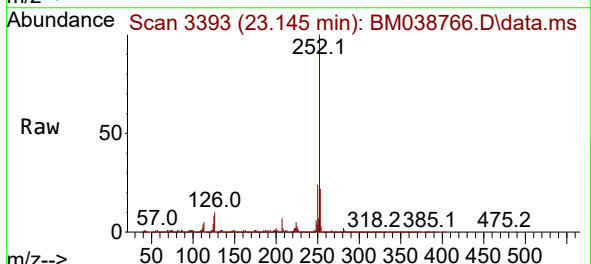
Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

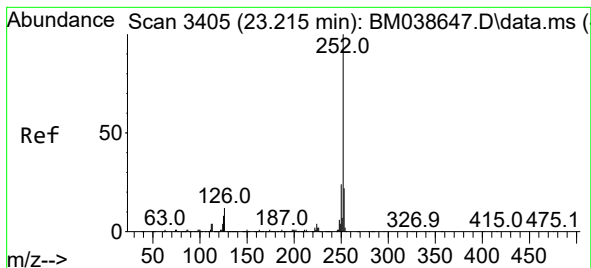
Tgt Ion:276 Resp: 1209730
Ion Ratio Lower Upper
276 100
138 21.1 17.2 25.8
277 25.2 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 60.708 ng
RT: 23.145 min Scan# 3393
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:252 Resp: 1110919
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 7.9 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 60.104 ng

RT: 23.192 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

Instrument :

BNA_M

ClientSampleId :

BU-3-021523MS

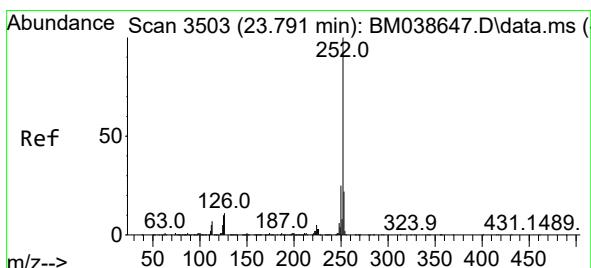
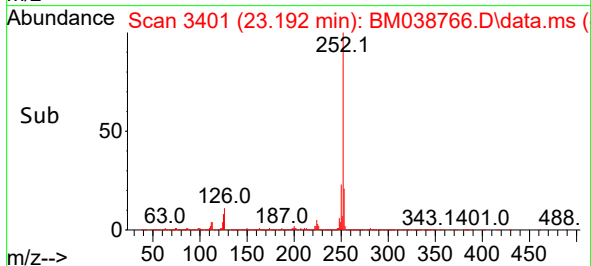
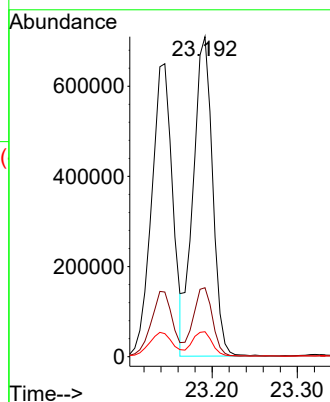
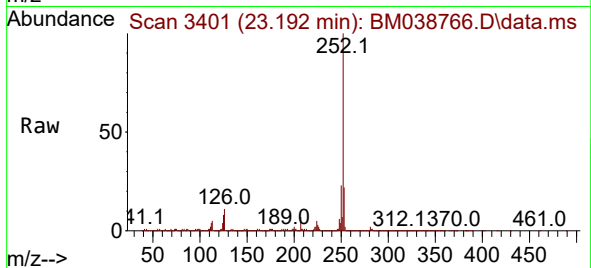
Tgt Ion:252 Resp: 1116892

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 7.8 6.6 9.8



#90

Benzo(a)pyrene

Concen: 51.844 ng

RT: 23.762 min Scan# 3498

Delta R.T. 0.000 min

Lab File: BM038766.D

Acq: 16 Feb 2023 20:41

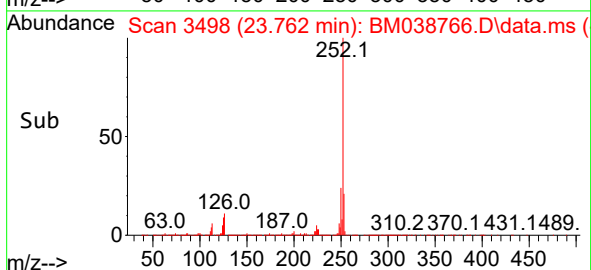
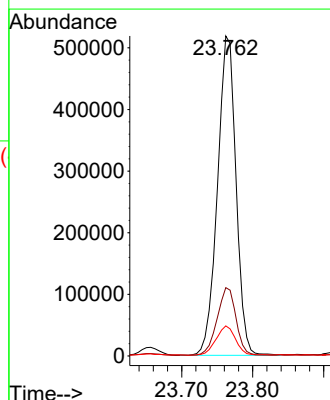
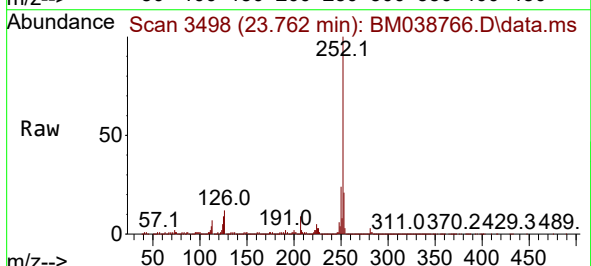
Tgt Ion:252 Resp: 938192

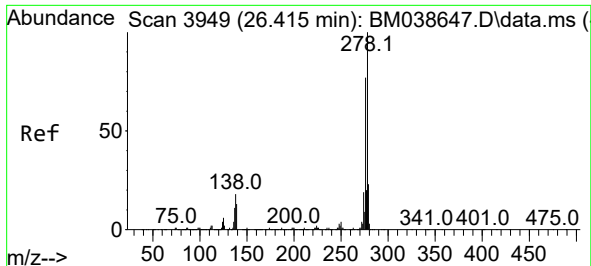
Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 9.4 7.8 11.8

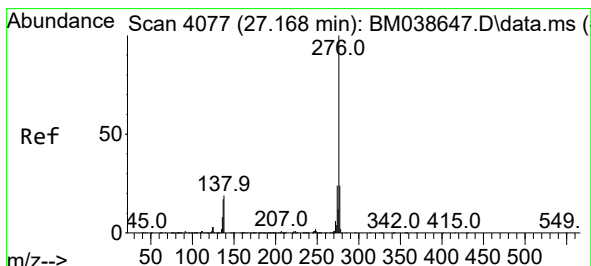
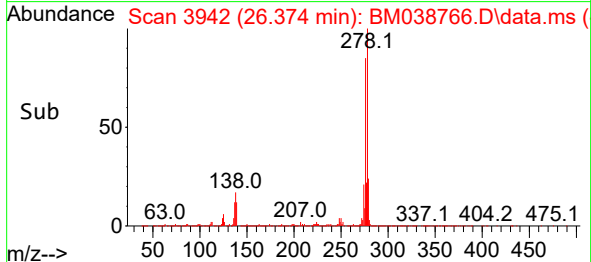
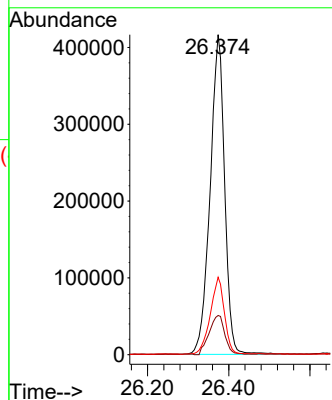
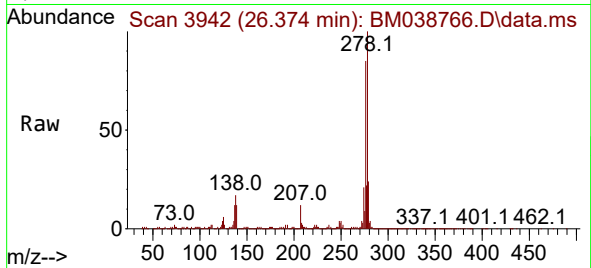




#91
Dibenzo(a,h)anthracene
Concen: 50.815 ng
RT: 26.374 min Scan# 3942
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

Tgt Ion:278 Resp: 1028821
Ion Ratio Lower Upper
278 100
139 12.3 10.5 15.7
279 24.2 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 44.440 ng
RT: 27.133 min Scan# 4071
Delta R.T. 0.006 min
Lab File: BM038766.D
Acq: 16 Feb 2023 20:41

Tgt Ion:276 Resp: 909504
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 19.9 15.3 22.9

